

Home Study Workbook 1

Addition
For Use With The
Chisanbop Home Study Book

Chisanbop™

Finger Calculation Method

Created by
Pai and Pai

Written by
Edwin M. Lieberthal



This CHISANBOP Workbook
Belongs to:

This Workbook is designed for use with the CHISANBOP Method Home Study Book-Addition. It is the first in a series of Workbooks developed to follow the sequence of skills presented in the Home Study Book. On completion, Workbook 2 should be purchased to progress to the Stage 2 series of skills.

Home Study Workbook 1

chisanbop™

Finger Calculation Method

Addition

For Use With The
Chisanbop Home Study Book

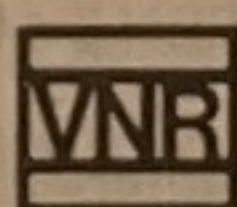
A New Mathematical System

Created by Sung Jin Pai

Developed by Hang Young Pai

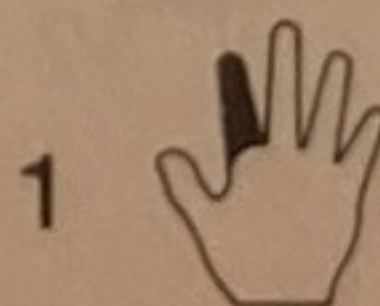
Written by Edwin M. Lieberthal

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CAUTION

Do not attempt to perform any calculations in this workbook until mastering the skill of **Representing Numbers**. This requires comprehension of all subject matter through page 20 in your Home Study Book and the reading of pages 38 & 39 (How to Calculate). Proceed, then, to the special diagrams beginning in this workbook on page 6, for a more detailed explanation of how to calculate. Thereafter, follow directions at the top of each workbook page.

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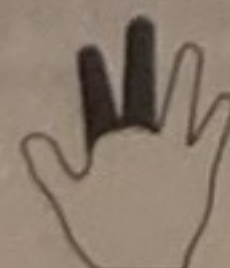
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A Guide To The Use Of This Workbook

This Workbook (Stage 1) has been designed to follow the sequence of CHISANBOP manipulations outlined in your Home Study Book 1-Addition.

It is important to note that because this Workbook was planned for use by the CHISANBOP beginner, the child should be directed to perform *each calculation* from Zero, counting to each number by Units. For example, the problem: $17 + 5 = \square$ would require an initial count by Units to the Number 17 and then a final count by Units of Five more, to achieve the total of 22. The Stage 2 pupil would address the same problem by using an initial Press of 10 (Tenth Finger), a Press of 5 more (Fifth Finger), a Press of 2 more (First and Second Fingers) to reach 17. Finally, another Press of 5 (Clearing Fifth Finger and Pressing Twentieth Finger) achieves the total of 22. The Stage 3 pupil simply Presses 17 in a single manipulation, then Presses 5 more (Exchange) to achieve the total of 22. However, the Four Stages of Chisanbop outlined on Page 44 of The Home Study Book are for explanation only. Only the First Stage is to be used for all examples in this workbook. The Right side (back) of each page, labeled "SPEED", is divided into several different "races" which are to be started with your instruction, such as: READY, SET, GO! Ideally, a stopwatch should time each race. As child finishes, his hand should be raised and you are to call out an elapsed time which the child enters in the space labeled TIME. In addition to providing a stimulating, game-like format for learning, the competition aids parents in becoming aware of manipulative progress.

At the time calculations are begun, an attempt should be made to keep a pencil comfortably cradled in the fingers while performing Chisanbop. This procedure will ultimately aid one in developing significantly greater speed by eliminating the repeated picking up and putting down of the pencil.

Before using this Workbook, which begins with calculations of Addition, there are preliminaries which must be mastered by the pupil. They are essential if CHISANBOP is to be learned thoroughly. Under no circumstances should Workbook exercises be addressed prior to such learning. These prerequisites are as follows:

1. Child must be able to READ, WRITE and SAY numbers from 1 to 10 (minimum) in sequence.
2. Child must be able to READ and WRITE numbers which are shown or called at random.
3. Child must understand the value of each finger, *to the extent that he can READ, WRITE and SAY numbers*; additional finger values are taught in keeping with his growing knowledge of numbers, to the limit of 99.
4. Instructional Terms must be learned, without variation: PRESS . . . CLEAR . . . CLEAR YOUR FINGERS . . . READ YOUR FINGERS . . . HOW MANY? . . . READY?—GO!
5. Child must know how to Represent Numbers on his fingers, in sequence and at random, *to the extent that he can READ, WRITE and SAY numbers*.



When the subject of How To Calculate (Home Study Book Page 38) is begun—and thereafter, on *each day*, prior to the CHISANBOP lesson—the exercise of repeating the numbers 1 through 5 is to be practiced, as follows:

- A. Press Ones, in sequence, saying: "One, One, One, . . . etc. . . . 10 Times, until the Tenth Finger is reached and pressed.
- B. Press Twos, by Units, saying: One, Two, One, Two . . . etc. . . . 10 Times, until the Twentieth Finger is reached and pressed.
- C. Press Threes, by Units, saying: One, Two, Three, One, Two, Three . . . etc. . . . 10 Times, until the Thirtieth Finger is reached and pressed.
- D. Press Fours, by Units, saying: One, Two, Three, Four, One, Two, Three, Four . . . etc. . . . 10 Times, until the Fortieth Finger is reached and pressed.
- E. Press Fives, by Units, saying: One, Two, Three, Four, Five, One, Two, Three, Four, Five . . . etc. . . . 10 Times, until the Fiftieth Finger is reached and pressed.

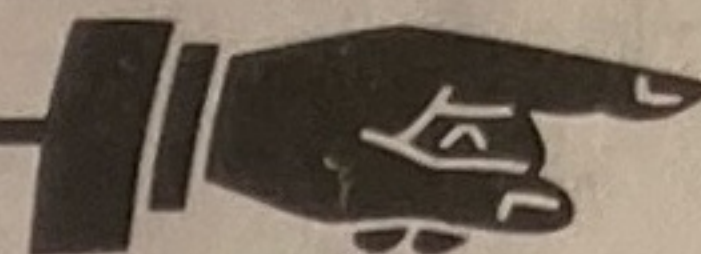
Finally, it is reemphasized that *all* calculations in this Workbook are to be performed as STAGE 1 manipulations: by UNITS. Introduction of STAGE 2 and STAGE 3 techniques begins in Workbook 2.

Each page of this Workbook, through Page 46 is to be used Two Ways:

- a. Child reads and calculates examples, entering answers directly into book.
- b. Parent removes book and states example orally, one number at a time, as child accumulates units on fingers. At conclusion of example, when asked "How Many?" child states total verbally. These oral exercises should be a daily part of Chisanbop study. Vary them by having child close eyes, calculate on command and give total without looking at fingers. Also create new examples, calling out long strings of numbers.



How To Calculate


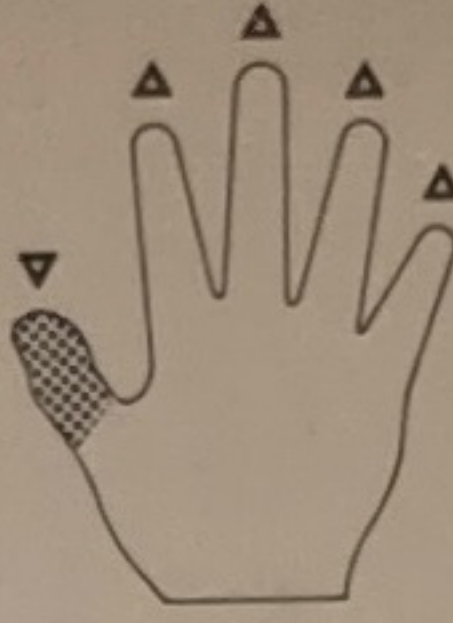
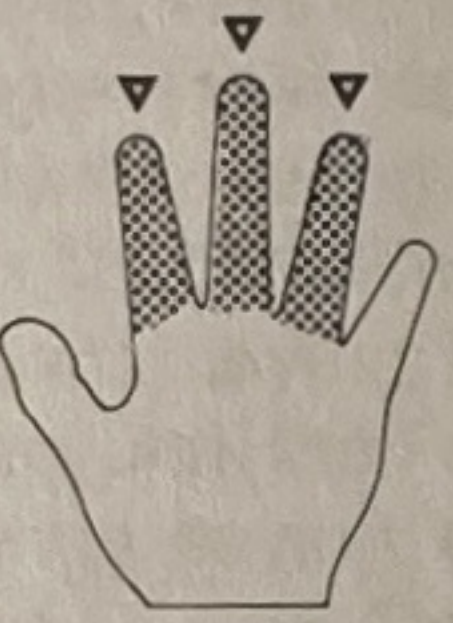

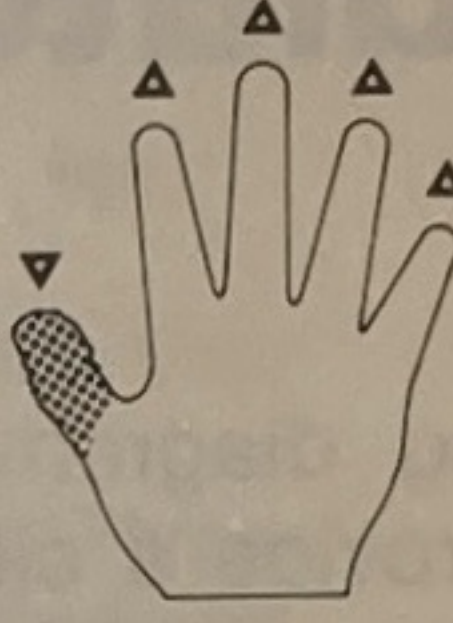
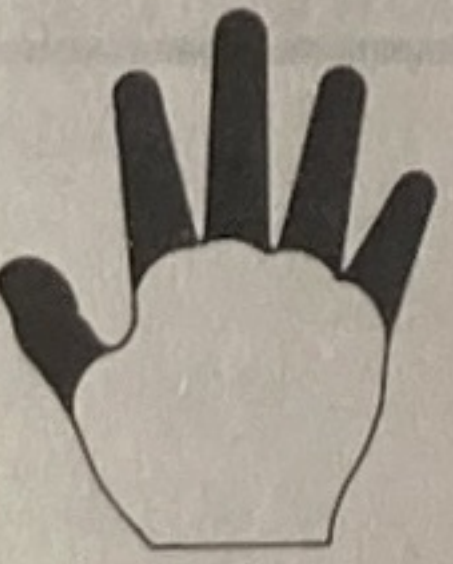
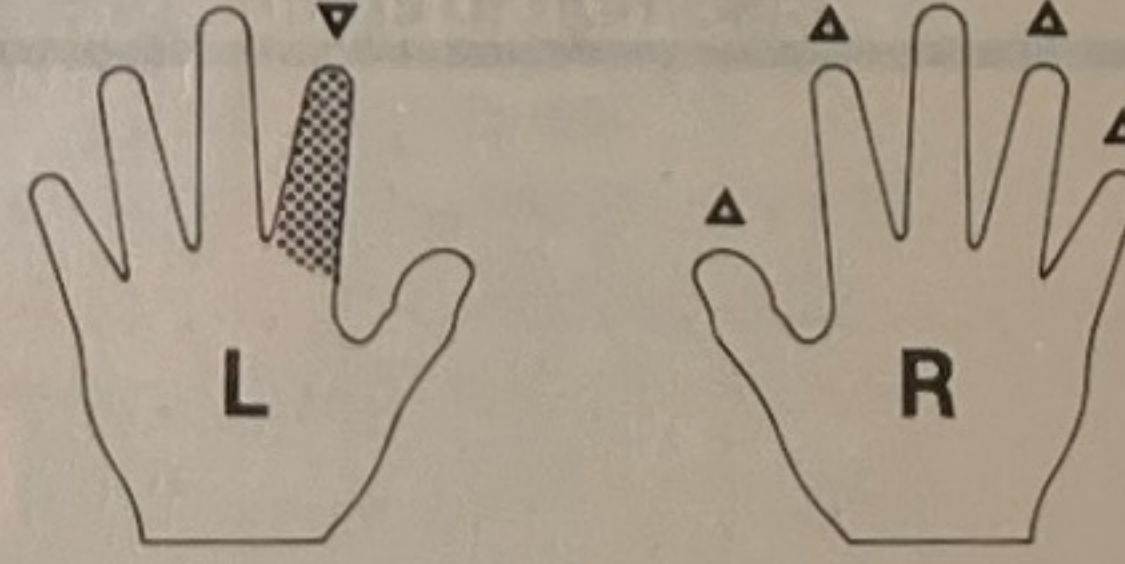


The following diagrams and explanations provide a clear picture of the sequence of Finger Manipulations which are required for every type of computation of Addition. As you proceed through the Workbook, first review the related category of examples outlined on pages 6, 7, 8 and 9.

First Stage



How To Calculate

<p>I</p> $4 + 1 = \square$ <p>USE RIGHT HAND</p>	 <p>A. Press One Finger at a time, Unit by Unit, Counting: "One, Two, Three, Four".</p>	 <p>B. To Add One More Unit, Simultaneously Press Fifth Finger and Clear the First Four Fingers.</p>	<p>C. Read Your Fingers. Total is 5</p>
<p>II</p> $3 + 2 = \square$ <p>USE RIGHT HAND</p>	 <p>A. Press One Finger at a time, Unit by Unit, Counting: "One, Two, Three".</p>	 <p>B. To Add 2 More Units Press Fourth Finger, Counting: "One". Then . . .</p>  <p>C. Press One More Unit by Simultaneously Pressing Fifth Finger (Thumb) and Clearing the other Four Fingers, Counting: "Two".</p>	<p>D. Read Your Fingers. Total is 5</p>
<p>III</p> $9 + 1 = \square$ <p>USE BOTH HANDS</p>	 <p>A. Right Hand: Press One Finger at a time, Counting: "One, Two, Three, Four, Five, Six, Seven, Eight, Nine".</p>	<p>Simultaneously</p>  <p>B. To Add One More Unit. First we recognize that all Fingers on the Right Hand are already pressed. No more Fingers are available. Whenever the Right Hand Is "Used Up" and we wish to Add One More Unit, we must Clear All Right Hand Fingers (R) and Simultaneously Press the First Available Tens Finger on the Left Hand (L). As this exchange is made we Count "One".</p>	<p>C. Read Your Fingers. Total is 10</p>



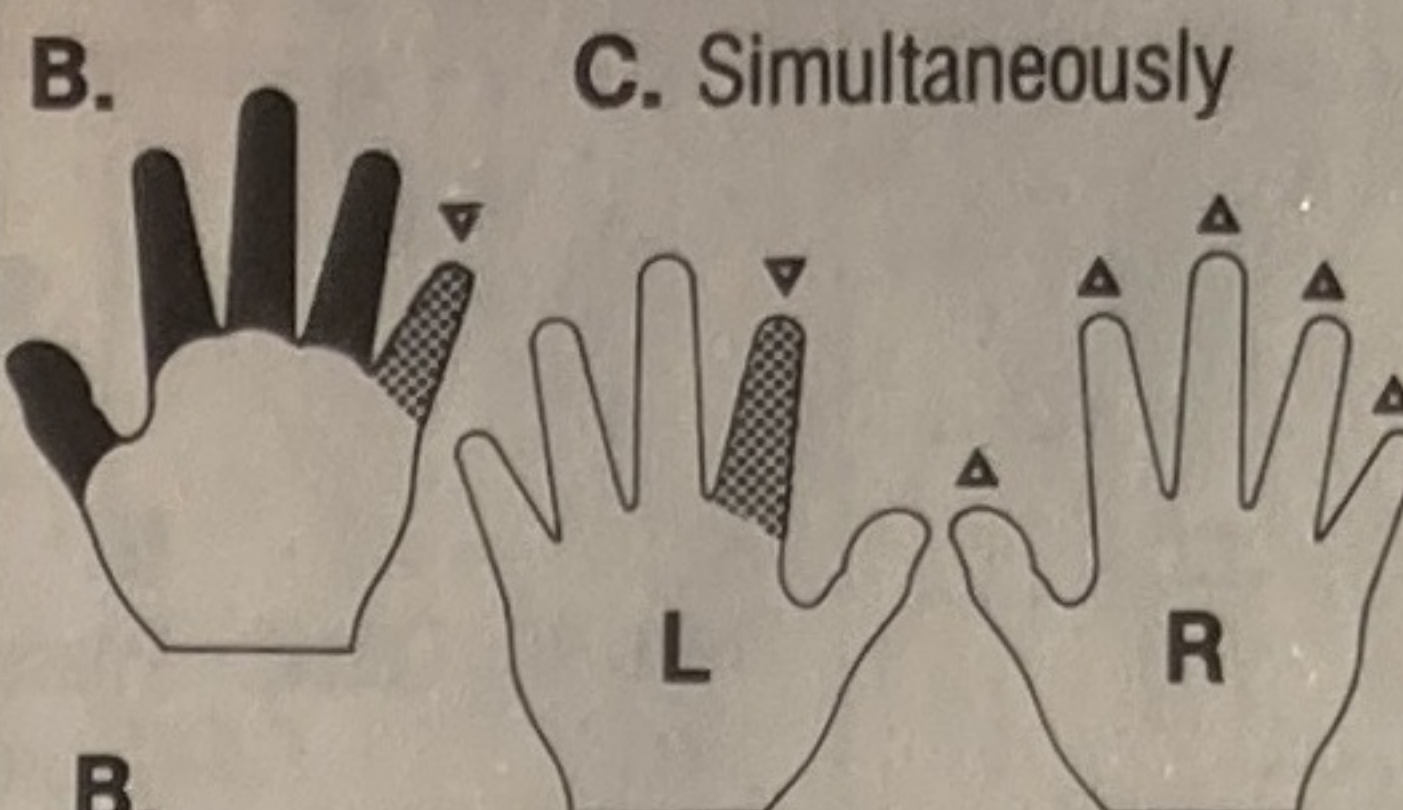
IV

$$8 + 2 = \square$$

USE
BOTH HANDS



A.
As in previous example, Press One Finger at a time, Counting: "One, Two, Three, Four, Five, Six, Seven, Eight"



B.
To Add Two More Units First Press one more unit on Right Hand, Counting: "One"

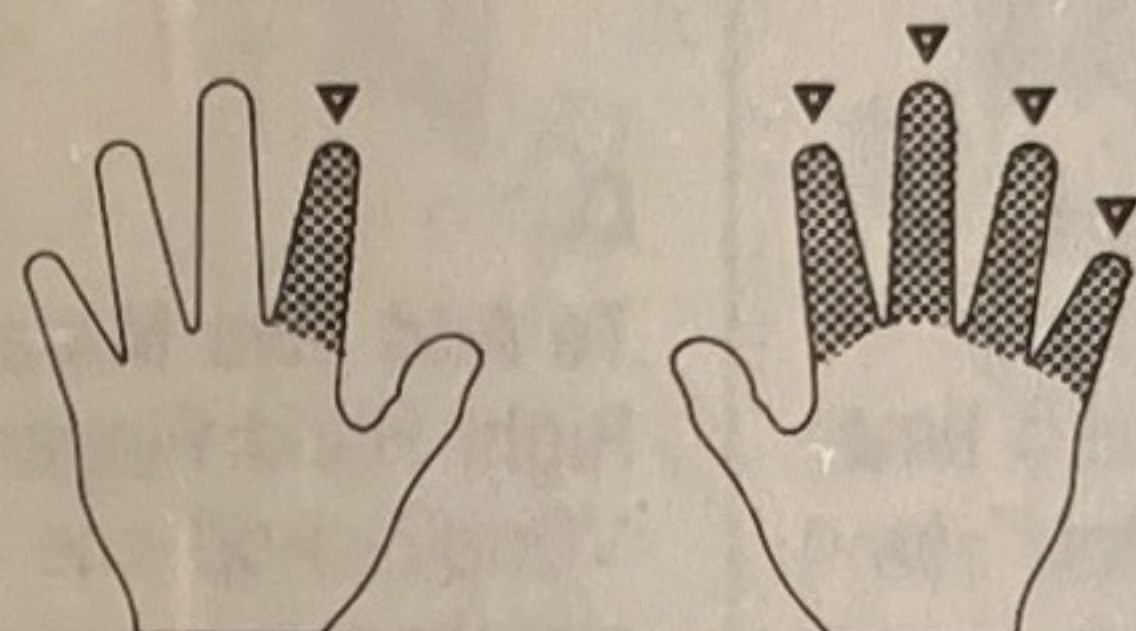
C.
Right hand now has no more fingers available. As in previous example, add next Unit by Simultaneously Clearing all Right Hand Fingers and Press the first available Tens Finger. As this exchange is made, Count: "Two".

D.
Read Your Fingers. Total is 10

V

$$14 + 2 = \square$$

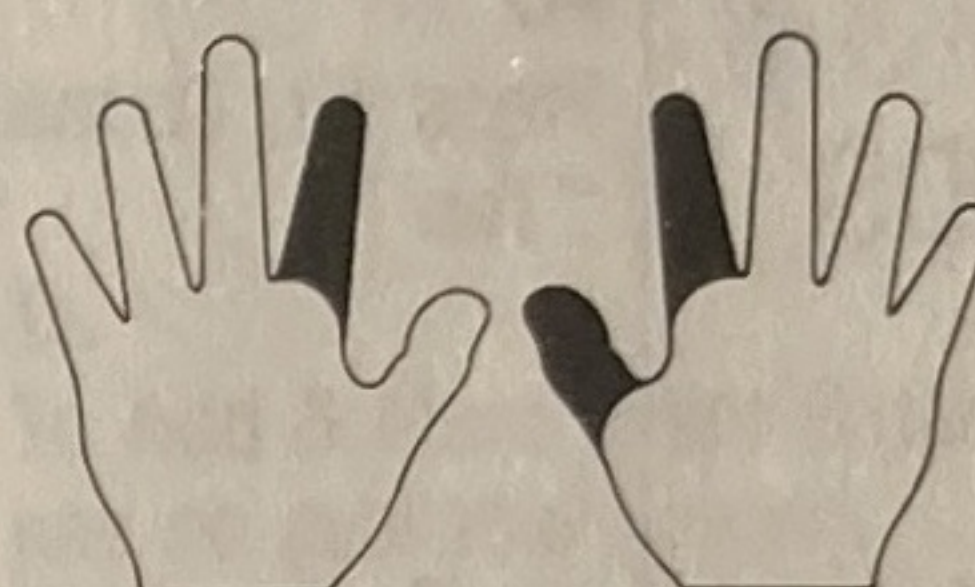
USE
BOTH HANDS



A.
Press 10, Count: "Ten"

B.
Press Units, One Finger at a time, Counting: "One, Two, Three, Four"

C.
Read both hands, now recognizing and stopping at 14.



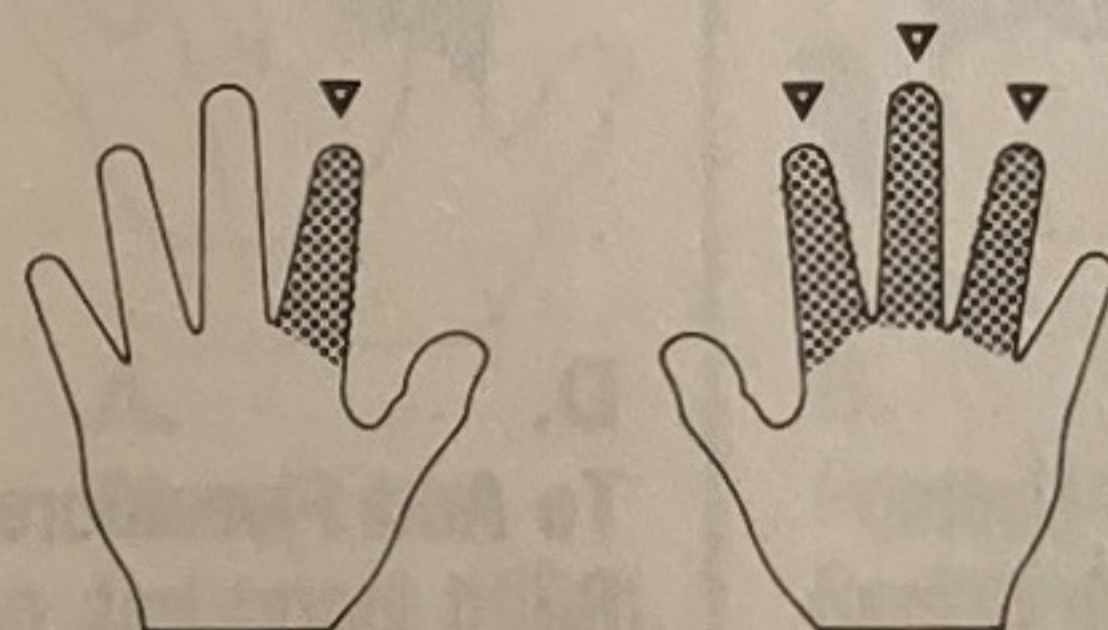
D.
To Add Two More Units Press Right Hand fingers, one at a time, Counting: "One, Two", ending up as shown. (Refer again to Example I for procedure of adding 1 more to 4.)

E.
Read Your Fingers. Total is 16

VI

$$13 + 3 = \square$$

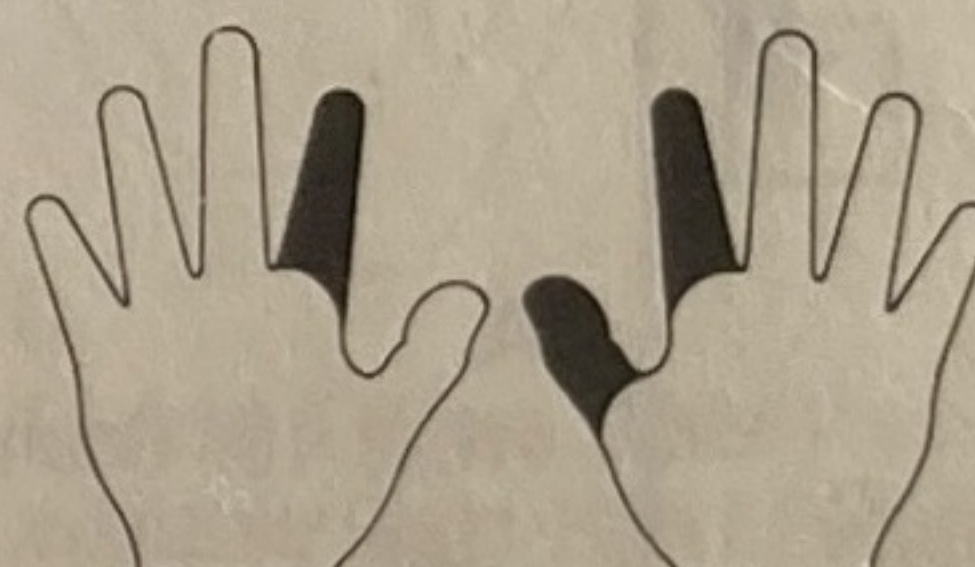
USE
BOTH HANDS



A.
Press 10, Count: "Ten"

B.
Press Units, Counting: "One, Two, Three"

C.
Read both hands, recognizing and stopping at 13.



D.
To Add Three More Units Press Right Hand Fingers, one at a time, Counting: "One, Two, Three", ending up as shown.

E.
Read Your Fingers. Total is 16



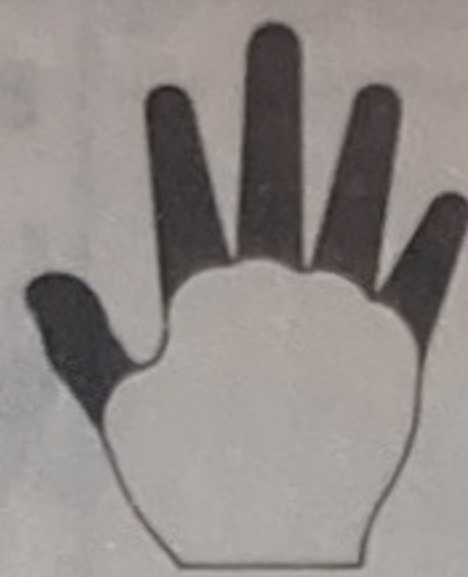
VII

$$19 + 1 = \square$$

USE
BOTH HANDS



A.
Press 10, Count:
"Ten"



B.
Press Units,
Counting one number
at a time from
"One" to "Nine"

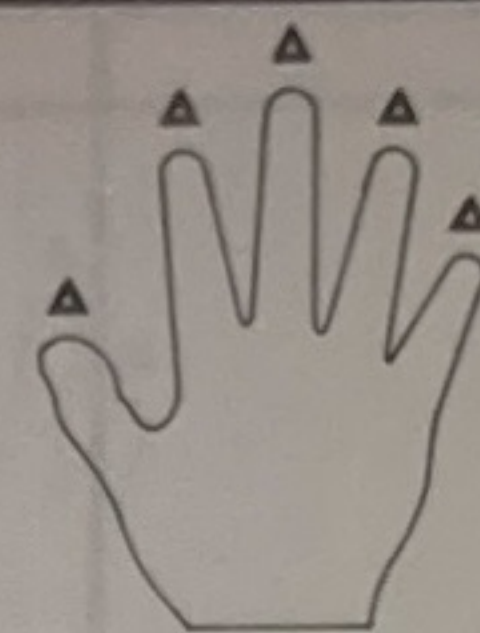
C.
Read Hands, recognizing and
stopping at 19.



D.

To Add One More Unit

Simultaneously Clear entire Right
Hand and Press next available Tens
Finger on Left Hand (Refer again to
Example III for procedure of add-
ing 1 more to 9).



E.
Read
Your
Fingers.
Total
is
20

VIII

$$18 + 2 = \square$$

USE
BOTH HANDS



A.
Press 10, Count:
"Ten"



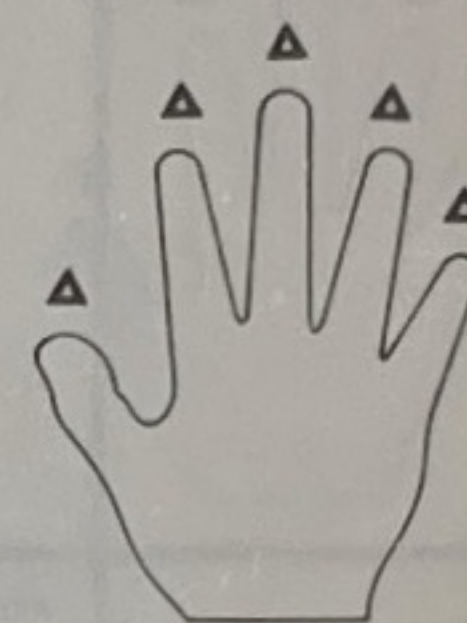
B.
Press Units,
Counting one
number at a time
from "One" to
"Eight"

C.
Read Hands, recognizing and
stopping at 18.



D.

To Add Two More Units Press
Right Hand Finger, Counting:
"One". Add one more unit by
simultaneously clearing Right Hand
and Pressing next available Tens
Finger on Left Hand.



E.
Read
Your
Fingers.
Total
is
20

IX

$$19 + 5 = \square$$

USE
BOTH HANDS



A.
Press 10, Count:
"Ten"



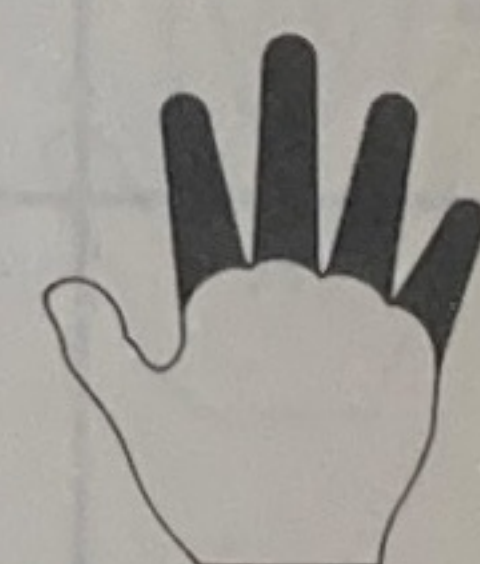
B.
Press Units,
Counting from
"One" to
"Nine"

C.
Read Hands, recognizing and
stopping at 19.



D.

To Add Five More Units Since
Right Hand has no available
fingers, simultaneously Clear entire
Right Hand and Press next avail-
able Tens Finger, Counting:
"One". Then using the **now avail-
able** Right Hand Fingers, Press one
at a time, Counting: "Two, Three,
Four, Five", ending up as shown.



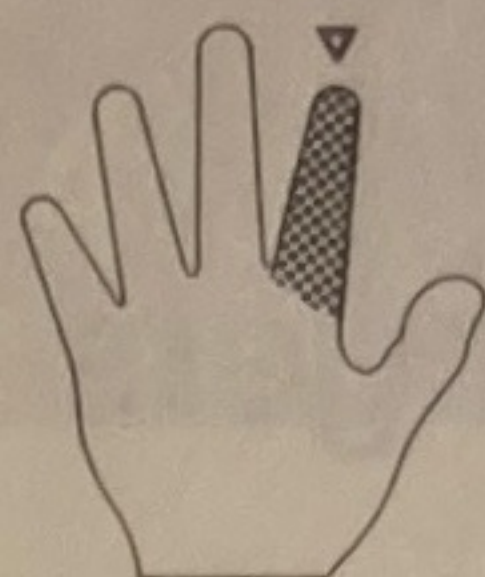
E.
Read
Your
Fingers.
Total
is
24



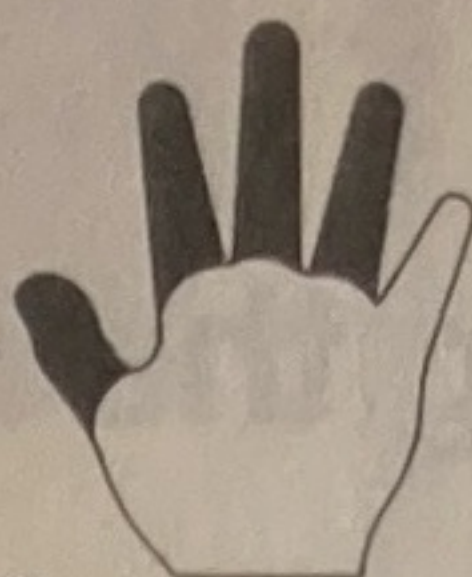
X

$$18 + 6 = \square$$

USE
BOTH HANDS



A.
Press 10, Count:
"Ten"



B.
Press Units,
Counting From
"One" to
"Eight"

C.
Read Hands, recognizing and
stopping at 18.



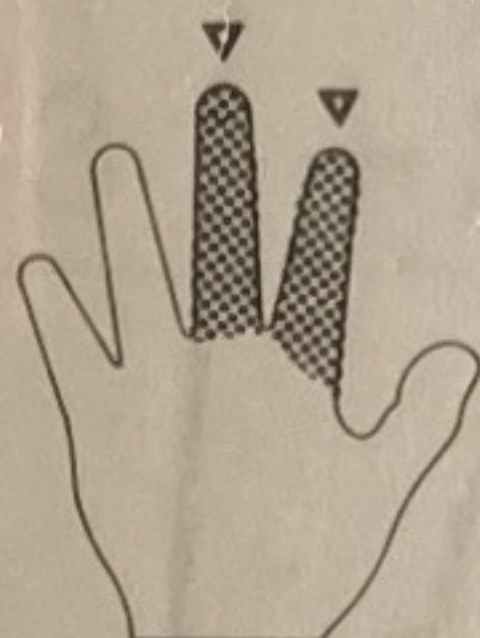
D.
To Add 6 More Units Press last
Right Hand Finger, Counting:
"One", Add next unit by simul-
taneously Clearing Right Hand and
Pressing next available Tens
Finger, Counting: "Two". Then
using the **now available** Right Hand
Fingers. Press one at a time Count-
ing: "Three, Four, Five, Six,"
ending up as shown.

E.
Read
Your
Fingers.
Total
is
24

XI

$$29 + 6 = \square$$

USE
BOTH HANDS

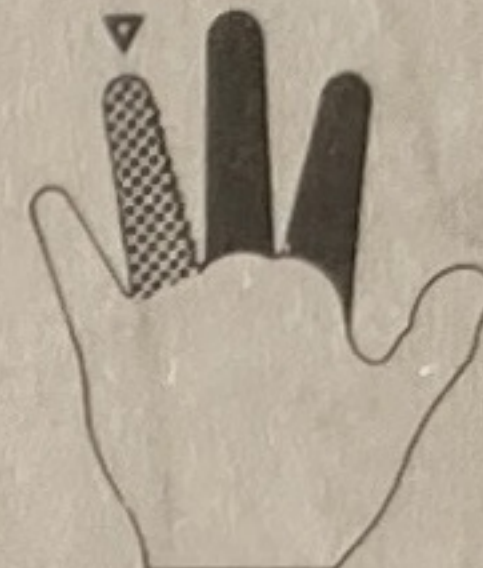


A.
Press Tens,
Counting: "Ten,
Twenty"



B.
Press Units,
Counting from
"One" to
"Nine"

C.
Read Hands, recognizing and
stopping at 29.



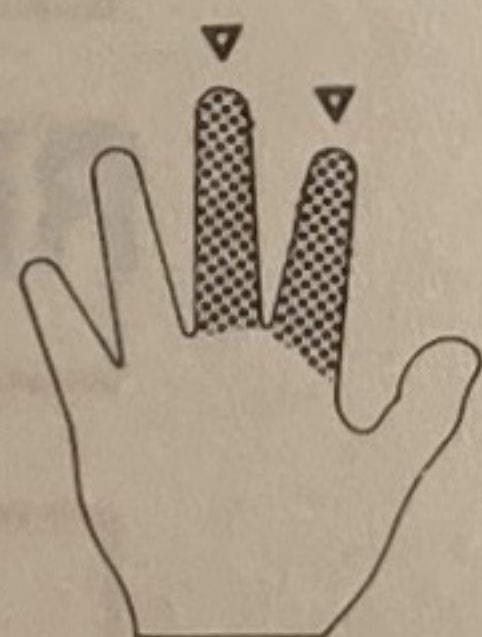
D.
To Add 6 More Units Right Hand
has no available Fingers.
Therefore, Clear entire Right Hand
and Press next available Tens
Finger, Counting: "One". Then
Press Units on Right Hand, Count-
ing: "Two, Three, Four, Five,
Six", ending up as shown.

E.
Read
Your
Fingers.
Total
is
35

XII

$$28 + 7 = \square$$

USE
BOTH HANDS



A.
Press Tens,
Counting: "Ten,
Twenty"



B.
Press Units
Counting From
"One" to
"Eight"

C.
Read Hands, recognizing and
stopping at 28.

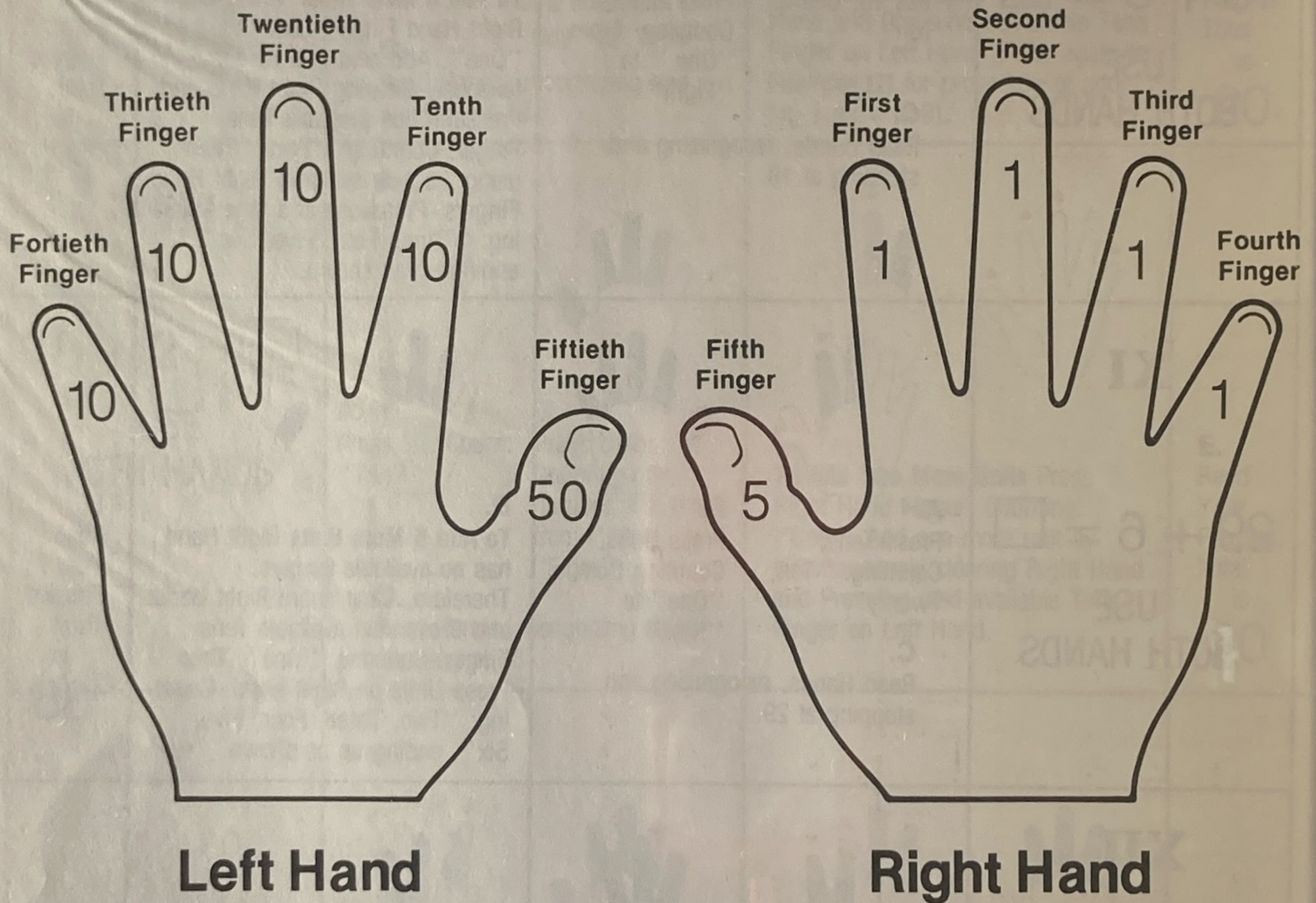


D.
To Add 7 More Units Press last
available Right Hand Finger, Count-
ing: "One". Add next Unit by
simultaneously Clearing Right Hand
and Pressing next available Tens
Finger, Counting: "Two". Then
using the **now available** Right Hand
Fingers, Press one at a time,
Counting "Three, Four, Five, Six,
Seven", ending as shown.

E.
Read
Your
Fingers.
Total
is
35

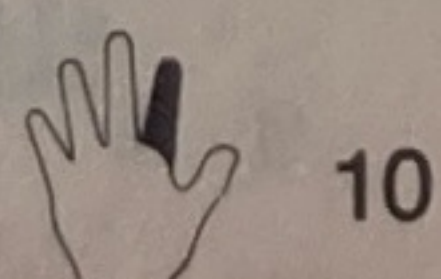


Naming the Fingers



CHISANBOP

NUMERICAL VALUE OF EACH FINGER
(A Total Capacity of 99)



Totals up to 4

$$\begin{array}{r} 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$0 + 1 = \square$

$0 + 2 = \square$

$0 + 3 = \square$

$0 + 4 = \square$

$1 + 1 = \square$

$1 + 2 = \square$

$1 + 3 = \square$

$2 + 2 = \square$

See Pages 40 & 41 in Home Study Book.
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 2 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 4 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ + 0 \\ \hline \end{array}$$



$$1 + 2 = \square$$

$$0 + 1 = \square$$

$$1 + 1 = \square$$

$$0 + 2 = \square$$

$$1 + 3 = \square$$

$$0 + 3 = \square$$

$$2 + 2 = \square$$

$$0 + 4 = \square$$

$$\bullet + \bullet + \bullet + \bullet = \square$$

$$\blacklozenge + \blacklozenge + \blacklozenge + \blacklozenge = \square$$

$$* + * = \square$$

(A)	(B)
$\begin{array}{r} 1 \\ 2 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ 1 \\ + 2 \\ \hline \end{array}$
TIME	TIME

(C)	
$\begin{array}{r} 2 \\ 0 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ 1 \\ + 0 \\ \hline \end{array}$
	TIME

(D)	
$\begin{array}{r} 0 \\ 1 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ 1 \\ + 1 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ 0 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ 1 \\ + 1 \\ \hline \end{array}$
	TIME



Totals up to 4

$$\begin{array}{r} 1 \\ 1 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 2 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 3 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 1 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ + 2 \\ \hline \end{array}$$

$1 + 1 + 0 = \square$

$1 + 1 + 1 = \square$

$1 + 2 + 0 = \square$

$2 + 2 + 0 = \square$

$1 + 3 + 0 = \square$

$3 + 1 + 0 = \square$

$2 + 1 + 0 = \square$

$1 + 1 + 2 = \square$

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back)

$$\begin{array}{r} 1 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 0 \\ + 2 \\ \hline \end{array}$$

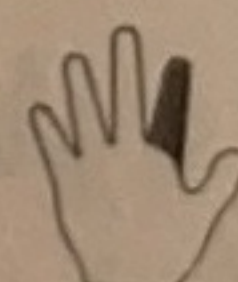
$$\begin{array}{r} 3 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 0 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ + 1 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} 1 \\ 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$1 + 2 + 1 = \square$$

$$1 + 0 + 2 = \square$$

$$1 + 0 + 1 = \square$$

$$2 + 0 + 2 = \square$$

$$2 + 0 + 1 = \square$$

$$1 + 0 + 3 = \square$$

$$3 + 0 + 1 = \square$$

$$1 + 1 + 1 = \square$$

(A)

$$\begin{array}{r} 2 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 1 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 3 \\ + 1 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 0 \\ 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 2 \\ + 2 \\ \hline \end{array}$$

TIME



Totals up to 5

$$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 0 \\ \hline \end{array}$$

$1 + 4 = \square$

$2 + 3 = \square$

$3 + 2 = \square$

$4 + 1 = \square$

$0 + 5 = \square$

$5 + 0 = \square$

Review pages 17 & 18 in Home Study Book
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 1 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 1 \\ + 1 \\ \hline \end{array}$$

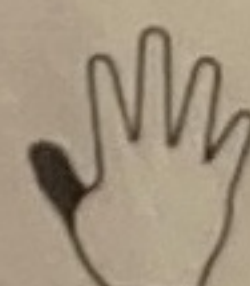
$$\begin{array}{r} 4 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 5 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 1 \\ \hline \end{array}$$



SPEED

$$2 + 3 = \square$$

$$1 + 4 = \square$$

$$3 + 1 = \square$$

$$2 + 2 = \square$$

$$0 + 5 = \square$$

$$3 + 2 = \square$$

$$1 + 3 = \square$$

$$\bullet \bullet \bullet + \bullet \bullet = \square$$

$$* + * * * = \square$$

$$\blacktriangle \blacktriangle + \blacktriangle \blacktriangle \blacktriangle = \square$$

(A)

$$\begin{array}{r} 1 \\ 1 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 1 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 5 \\ + 0 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 0 \\ + 1 \\ \hline \end{array}$$

TIME



Totals 6 to 9

$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

$5 + 1 = \square$

$6 + 1 = \square$

$1 + 7 = \square$

$1 + 8 = \square$

$7 + 1 = \square$

$8 + 1 = \square$

$1 + 5 = \square$

$1 + 6 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)
Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front & Back).

$$\begin{array}{r} 1 \\ 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ + 7 \\ \hline \end{array}$$



$$5 + 1 = \square$$

$$1 + 7 = \square$$

$$8 + 1 = \square$$

$$1 + 6 = \square$$

$$6 + 1 = \square$$

$$1 + 5 = \square$$

$$7 + 1 = \square$$

$$1 + 8 = \square$$

$$\bullet + \bullet \bullet \bullet \bullet \bullet = \square$$

$$* * * * * + * = \square$$

$$\uparrow \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow + \uparrow = \square$$

(A)

$$\begin{array}{r} 1 \\ 1 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ + 5 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 6 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ + 1 \\ \hline \end{array}$$

TIME



Totals up to 9

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$2 + 4 = \square$

$2 + 5 = \square$

$2 + 6 = \square$

$2 + 7 = \square$

$4 + 2 = \square$

$5 + 2 = \square$

$6 + 2 = \square$

$7 + 2 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)
Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front and Back)

$$\begin{array}{r} 2 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 0 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 0 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 0 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 4 \\ + 3 \\ \hline \end{array}$$



SPEED

$$5 + 2 = \square$$

$$2 + 4 = \square$$

$$7 + 2 = \square$$

$$2 + 6 = \square$$

$$4 + 2 = \square$$

$$2 + 5 = \square$$

$$\text{house} + \text{house} + \text{house} + \text{house} + \text{house} + \text{house} + \text{house} = \square$$

$$\text{apple} + \text{apple} + \text{apple} + \text{apple} + \text{apple} + \text{apple} + \text{apple} + \text{apple} = \square$$

(A)

$$\begin{array}{r} 1 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 5 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 2 \\ 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 5 \\ + 2 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 3 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$

TIME



Totals up to 9

$$\begin{array}{r} 1 \\ 4 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 5 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 5 \\ + 3 \\ \hline \end{array}$$

$1 + 4 + 1 = \square$

$2 + 1 + 2 = \square$

$3 + 2 + 2 = \square$

$0 + 4 + 4 = \square$

$5 + 2 + 2 = \square$

$2 + 1 + 5 = \square$

$3 + 5 + 0 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)
Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front and Back).

$$\begin{array}{r} 1 \\ 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 0 \\ + 3 \\ \hline \end{array}$$

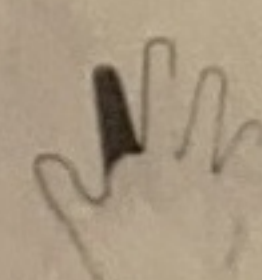
$$\begin{array}{r} 3 \\ 2 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 0 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 0 \\ + 2 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} 5 \\ 1 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 5 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 2 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 6 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 0 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 1 \\ + 0 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} 0 \\ 0 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 2 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 0 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 7 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 2 \\ 5 \\ + 0 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 1 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 0 \\ + 7 \\ \hline \end{array}$$

TIME

$5 + 1 + 0 = \square$

$4 + 5 + 0 = \square$

$0 + 2 + 6 = \square$

$3 + 6 + 0 = \square$

$4 + 0 + 3 = \square$

$1 + 0 + 8 = \square$

$0 + 6 + 3 = \square$

$5 + 1 + 0 = \square$



Totals up to 9

$$\begin{array}{r} 2 \\ 6 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 0 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 2 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 0 \\ +1 \\ \hline \end{array}$$

$2 + 6 + 1 = \square$

$1 + 0 + 7 = \square$

$6 + 0 + 1 = \square$

$4 + 2 + 1 = \square$

$2 + 2 + 2 = \square$

$7 + 1 + 1 = \square$

$6 + 1 + 1 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)

Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front & Back).

$$\begin{array}{r} 1 \\ 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 4 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 7 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ +2 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} 1 \\ 4 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 0 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 0 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 5 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 0 \\ + 3 \\ \hline \end{array}$$

$1 + 4 + 1 = \square$

$4 + 0 + 4 = \square$

$2 + 5 + 2 = \square$

$5 + 0 + 3 = \square$

$1 + 2 + 2 = \square$

$1 + 5 + 2 = \square$

$2 + 3 + 2 = \square$

(A)

$$\begin{array}{r} 1 \\ 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 0 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 0 \\ + 3 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 2 \\ 4 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 0 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 0 \\ + 3 \\ \hline \end{array}$$

TIME



Totals up to 9

$$\begin{array}{r} 1 \\ 4 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 6 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 6 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 7 \\ + 1 \\ \hline \end{array}$$

$1 + 4 + 2 = \square$

$7 + 0 + 1 = \square$

$1 + 6 + 2 = \square$

$1 + 0 + 6 = \square$

$2 + 2 + 2 = \square$

$6 + 0 + 1 = \square$

$1 + 6 + 1 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)

Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front & Back).

$$\begin{array}{r} 1 \\ 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 4 \\ \hline \end{array}$$

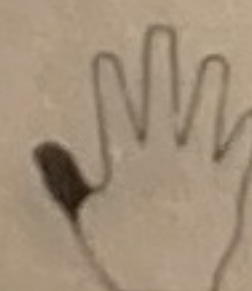
$$\begin{array}{r} 5 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 3 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} 1 \\ 0 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 0 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 0 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ 0 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 0 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 0 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 0 \\ + 5 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} 3 \\ 0 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 0 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ 0 \\ + 0 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 3 \\ 0 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 0 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 0 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ 0 \\ + 1 \\ \hline \end{array}$$

TIME

$1 + 0 + 5 = \square$

$3 + 0 + 6 = \square$

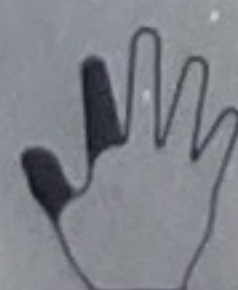
$1 + 0 + 8 = \square$

$6 + 0 + 3 = \square$

$2 + 0 + 6 = \square$

$5 + 0 + 1 = \square$

$4 + 0 + 3 = \square$



Totals up to 9

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ 1 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 2 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ 2 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 1 \\ 1 \\ + 4 \\ \hline \end{array}$$

$1 + 1 + 1 + 2 = \square$

$1 + 1 + 1 + 3 = \square$

$1 + 2 + 2 + 4 = \square$

$2 + 2 + 2 + 3 = \square$

$1 + 1 + 1 + 5 = \square$

$1 + 2 + 2 + 2 = \square$

$1 + 1 + 2 + 4 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)
Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front and Back).

$$\begin{array}{r} 1 \\ 3 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 2 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 1 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 2 \\ 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 6 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ 3 \\ + 1 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} 1 \\ 6 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 3 \\ 1 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 5 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 2 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ 4 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 4 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ 1 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 3 \\ 1 \\ + 3 \\ \hline \end{array}$$

$1 + 6 + 1 + 1 = \square$

$1 + 3 + 1 + 4 = \square$

$1 + 5 + 1 + 1 = \square$

$2 + 2 + 3 + 1 = \square$

$1 + 2 + 4 + 1 = \square$

$1 + 4 + 1 + 1 = \square$

$1 + 2 + 1 + 2 = \square$

$1 + 3 + 1 + 3 = \square$

(A)

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ 2 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ 3 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 1 \\ 2 \\ + 2 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 1 \\ 1 \\ 2 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ 1 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ 5 \\ + 1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ 2 \\ 4 \\ + 2 \\ \hline \end{array}$$

TIME



More Totals up to 9

$$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$3 + 6 = \square$

$5 + 3 = \square$

$3 + 5 = \square$

$6 + 3 = \square$

$4 + 5 = \square$

$3 + 4 = \square$

$4 + 4 = \square$

$3 + 3 = \square$

Review & Practice Establishing Numbers
(Home Study Book pages 14 through 20.)
Be sure to call out numbers at random
to be certain each can be pressed
without hesitation.

Then calculate examples on this page
(Front and Back)

$$\begin{array}{r} 5 \\ 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 1 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 0 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 2 \\ \hline \end{array}$$



$$3 + 3 = \square$$

$$3 + 5 = \square$$

$$6 + 3 = \square$$

$$4 + 4 = \square$$

$$3 + 4 = \square$$

$$3 + 2 = \square$$

$$3 + 6 = \square$$

$$2 + 2 + 2 = \square$$

$$3 + 3 + 3 = \square$$

SPEED

(A)

$$\begin{array}{r} 3 \\ 0 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 4 \\ + 2 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 6 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 0 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ + 1 \\ \hline \end{array}$$

TIME



Totals up to 10

$$\begin{array}{r} 1 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$$

$2 + 8 = \square$

$3 + 7 = \square$

$4 + 6 = \square$

$5 + 5 = \square$

$9 + 1 = \square$

$8 + 2 = \square$

$7 + 3 = \square$

Review Page 22 in Home Study Book.
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 1 \\ 5 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

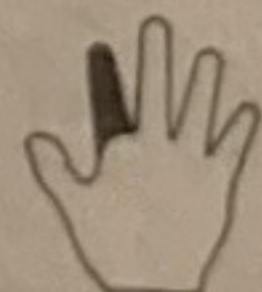
$$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 4 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 0 \\ + 5 \\ \hline \end{array}$$



SPEED

(A)

8	1	
1	7	
<u>+ 1</u>	<u>+ 2</u>	<u>TIME</u>

(B)

3	2	
3	2	
<u>+ 3</u>	<u>+ 4</u>	
5	2	
2	4	
<u>+ 3</u>	<u>+ 4</u>	<u>TIME</u>

(C)

4	1	
1	4	
<u>+ 5</u>	<u>+ 3</u>	
0	7	
5	3	
<u>+ 5</u>	<u>+ 0</u>	<u>TIME</u>

$4 + 6 = \square$

$3 + 7 = \square$

$2 + 8 = \square$

$1 + 9 = \square$

$5 + 5 = \square$

$4 + 5 = \square$

$3 + 6 = \square$

$8 + 2 = \square$

$7 + 3 = \square$



Totals up to 11

$$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$$

$2 + 9 = \square$

$3 + 8 = \square$

$4 + 7 = \square$

$5 + 6 = \square$

$9 + 2 = \square$

$8 + 3 = \square$

$7 + 4 = \square$

$6 + 5 = \square$

Review Pages 24 & 25 in Home Study Book.
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 3 \\ 6 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 8 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 4 \\ \hline \end{array}$$



SPEED

$$6 + 5 = \square$$

$$2 + 9 = \square$$

$$5 + 5 = \square$$

$$7 + 4 = \square$$

$$3 + 8 = \square$$

$$4 + 5 = \square$$

$$4 + 7 = \square$$

$$8 + 3 = \square$$

$$1 + 9 = \square$$

$$\begin{array}{r} 4 \\ 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 7 \\ + 2 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} 2 \\ 1 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 6 \\ + 1 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 5 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 3 \\ + 0 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 2 \\ 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 0 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 \\ + 1 \\ \hline \end{array}$$

TIME



Totals up to 12

Review top of Page 26 in Home Study Book
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$3 + 9 = \square$

$4 + 8 = \square$

$5 + 7 = \square$

$6 + 6 = \square$

$9 + 3 = \square$

$8 + 4 = \square$

$7 + 5 = \square$

$$\begin{array}{r} 3 \\ 6 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 1 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 3 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 2 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 8 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 1 \\ \hline \end{array}$$



$$7 + 5 = \square$$

$$3 + 9 = \square$$

$$4 + 8 = \square$$

$$6 + 3 = \square$$

$$8 + 4 = \square$$

$$5 + 7 = \square$$

$$6 + 6 = \square$$

$$7 + 4 = \square$$

$$8 + 3 = \square$$

$$\begin{array}{r} 4 \\ 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ + 3 \\ \hline \end{array}$$

SPEED

(A)

$$\begin{array}{r} 2 \\ 2 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 7 \\ + 2 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 3 \\ 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 3 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 6 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 6 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 6 \\ + 2 \\ \hline \end{array}$$

TIME



Totals up to 14

$$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ + 7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$4 + 9 = \square$

$5 + 8 = \square$

$6 + 7 = \square$

$5 + 9 = \square$

$6 + 8 = \square$

$7 + 7 = \square$

$9 + 4 = \square$

Review bottom of Page 26 & top of Page 27 in Home Study Book.

Then calculate examples on this page (Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit Counting, for **EVERY** Example.

$$\begin{array}{r} 3 \\ 7 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 0 \\ + 7 \\ \hline \end{array}$$

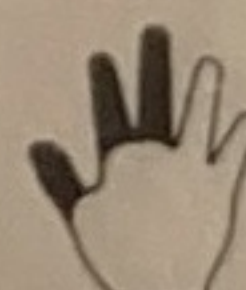
$$\begin{array}{r} 9 \\ 1 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 9 \\ \hline \end{array}$$



SPEED

$$4 + 9 = \square$$

$$8 + 6 = \square$$

$$5 + 8 = \square$$

$$9 + 5 = \square$$

$$7 + 6 = \square$$

$$6 + 7 = \square$$

$$5 + 9 = \square$$

$$8 + 5 = \square$$

$$6 + 8 = \square$$

$$9 + 4 = \square$$

$$7 + 7 = \square$$

$$4 + 4 + 4 = \square$$

$$3 + 3 + 3 = \square$$

(A)

$$\begin{array}{r} 8 \\ 2 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 6 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 2 \\ 7 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 6 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 4 \\ + 7 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 6 \\ 2 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 \\ + 2 \\ \hline \end{array}$$

TIME



Totals up to 15

$$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline \end{array}$$

$7 + 5 = \square$

$8 + 7 = \square$

$6 + 9 = \square$

$7 + 7 = \square$

$7 + 8 = \square$

Review Page 27 in Home Study Book.
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 1 \\ 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 3 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 4 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 7 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 2 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 2 \\ + 7 \\ \hline \end{array}$$



SPEED

$$6 + 9 = \square$$

$$8 + 7 = \square$$

$$9 + 6 = \square$$

$$7 + 8 = \square$$

$$6 + 7 = \square$$

$$7 + 7 = \square$$

$$8 + 5 = \square$$

$$4 + 9 = \square$$

$$\begin{array}{r} 3 \\ 3 \\ 3 \\ + 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 2 \\ 2 \\ + 2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 4 \\ 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 \\ + 5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ 3 \\ + 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ 5 \\ + 6 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} 1 \\ 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 4 \\ + 5 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 5 \\ 2 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 9 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 1 \\ + 6 \\ \hline \end{array}$$

TIME

(C)

$$\begin{array}{r} 6 \\ 5 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 2 \\ + 6 \\ \hline \end{array}$$

TIME



Totals from 16 to 19

$$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$8 + 9 = \square$

$9 + 7 = \square$

$8 + 8 = \square$

$7 + 9 = \square$

$9 + 8 = \square$

$9 + 9 = \square$

Review Pages 28 & 29 in Home Study Book
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 9 \\ 1 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 5 \\ + 7 \\ \hline \end{array}$$

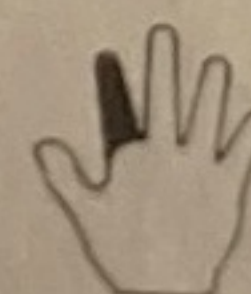
$$\begin{array}{r} 3 \\ 6 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ 3 \\ 3 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 5 \\ 4 \\ + 3 \\ \hline \end{array}$$



$$7 + 9 = \square$$

$$8 + 8 = \square$$

$$8 + 9 = \square$$

$$9 + 9 = \square$$

$$9 + 7 = \square$$

$$9 + 8 = \square$$

$$5 + 3 + 8 = \square$$

$$6 + 2 + 8 = \square$$

$$8 + 3 + 7 = \square$$

SPEED

(A)	1	9	
	6	0	
	+ 9	+ 8	TIME

(B)	8	1	
	2	7	
	+ 6	+ 9	
	3	7	
	8	6	
	+ 6	+ 3	TIME

(C)	4	5	
	9	5	
	+ 5	+ 9	
	4	3	
	4	4	
	4	5	
	+ 4	+ 6	
	6	5	
	6	5	
	+ 6	5	
		+ 4	TIME



Totals up to 20

$$\begin{array}{r} 5 \\ 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 7 \\ + 8 \\ \hline \end{array}$$

$9 + 5 + 6 = \square$

$7 + 7 + 6 = \square$

$8 + 8 + 4 = \square$

$9 + 9 + 2 = \square$

$7 + 5 + 8 = \square$

$8 + 3 + 9 = \square$

Review Page 30 in Home Study Book.
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 7 \\ 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 3 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 9 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 2 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 5 \\ + 9 \\ \hline \end{array}$$



$$9 + 5 + 6 = \square$$

$$7 + 7 + 6 = \square$$

$$9 + 5 + 5 = \square$$

$$6 + 6 + 6 = \square$$

$$4 + 4 + 4 = \square$$

$$7 + 4 + 9 = \square$$

$$6 + 8 + 6 = \square$$

$$3 + 6 + 7 = \square$$

$$\begin{array}{r} 5 \\ 5 \\ 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 \\ 4 \\ 4 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ + 3 \\ \hline \end{array}$$



SPEED

(A) 6

$$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$$

8

$$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

5

$$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$$

7

$$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$$

TIME

(B) 9

$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$$

6

$$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

8

$$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$$

4

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$$

TIME

(C) 9

$$\begin{array}{r} 2 \\ + 9 \\ \hline \end{array}$$

9

$$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$$

8

$$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$$

8

$$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$$

TIME

Totals from 21 to 27

$$\begin{array}{r} 3 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ + 9 \\ \hline \end{array}$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 6 \\ 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 3 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ + 7 \\ \hline \end{array}$$



$$9 + 9 + 3 = \square$$

$$8 + 9 + 4 = \square$$

$$9 + 9 + 4 = \square$$

$$5 + 7 + 9 = \square$$

$$8 + 8 + 8 = \square$$

$$8 + 9 + 5 = \square$$

$$9 + 9 + 5 = \square$$

$$6 + 8 + 9 = \square$$

$$9 + 8 + 6 = \square$$

$$6 + 9 + 6 = \square$$

SPEED

(A)

$$\begin{array}{r} 9 \\ 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 7 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 9 \\ 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ + 5 \\ \hline \end{array}$$

TIME



More Totals

21 to 27

$$\begin{array}{r} 6 \\ 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 9 \\ \hline \end{array}$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 7 \\ 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 6 \\ + 9 \\ \hline \end{array}$$



SPEED

$$6 + 9 + 6 = \square$$

$$8 + 5 + 8 = \square$$

$$7 + 5 + 9 = \square$$

$$9 + 3 + 9 = \square$$

$$5 + 9 + 9 = \square$$

$$4 + 9 + 8 = \square$$

$$9 + 9 + 9 = \square$$

$$8 + 9 + 5 = \square$$

(A)

$$\begin{array}{r} 8 \\ 7 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 7 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ + 6 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 9 \\ 9 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 7 \\ + 7 \\ \hline \end{array}$$

TIME



More Totals

21 to 27

$$\begin{array}{r} 7 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 7 \\ + 8 \\ \hline \end{array}$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 9 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 7 \\ \hline \end{array}$$



SPEED

(A)

$$\begin{array}{r} 9 \\ 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 9 \\ 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ + 7 \\ \hline \end{array}$$

TIME

$$9 + 9 + 9 = \square$$

$$8 + 7 + 8 = \square$$

$$8 + 8 + 8 = \square$$

$$9 + 8 + 9 = \square$$

$$7 + 7 + 7 = \square$$

$$8 + 7 + 9 = \square$$

$$9 + 7 + 9 = \square$$

$$8 + 9 + 8 = \square$$



Totals from 28 to 36

Review Pages 30 & 31 in Home Study Book.
Then calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 1 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 8 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 7 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 6 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 7 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 9 \\ 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

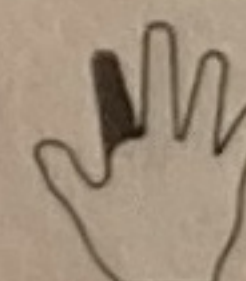
$$\begin{array}{r} 3 \\ 9 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 9 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ 2 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ 7 \\ + 7 \\ \hline \end{array}$$



SPEED

(A)

$$\begin{array}{r} 9 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 2 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 3 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 2 \\ 9 \\ + 9 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 7 \\ 3 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 3 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 4 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 6 \\ 8 \\ + 9 \\ \hline \end{array}$$

TIME

$$3 + 8 + 8 + 9 = \square$$

$$3 + 7 + 9 + 9 = \square$$

$$2 + 9 + 9 + 9 = \square$$

$$3 + 9 + 9 + 9 = \square$$

$$6 + 8 + 9 + 9 = \square$$

$$4 + 6 + 9 + 9 = \square$$

$$9 + 9 + 9 + 9 = \square$$

$$4 + 7 + 8 + 9 = \square$$



More Totals

28 to 36

$$\begin{array}{r} 4 \\ 7 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 8 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 8 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 6 \\ 9 \\ + 9 \\ \hline \end{array}$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 7 \\ 9 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ 4 \\ + 9 \\ \hline \end{array}$$

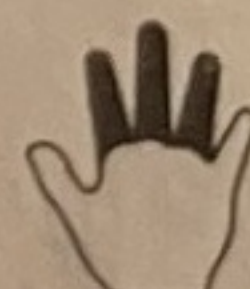
$$\begin{array}{r} 9 \\ 9 \\ 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ 4 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 9 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 8 \\ 5 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 9 \\ 5 \\ + 9 \\ \hline \end{array}$$



SPEED

(A)

$$\begin{array}{r} 9 \\ 4 \\ 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 4 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 4 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 4 \\ 9 \\ + 8 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 9 \\ 4 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 5 \\ 9 \\ + 6 \\ \hline \end{array}$$

TIME

$$4 + 7 + 9 + 9 = \square$$

$$5 + 6 + 9 + 9 = \square$$

$$4 + 8 + 8 + 8 = \square$$

$$5 + 6 + 8 + 9 = \square$$

$$4 + 8 + 8 + 9 = \square$$

$$9 + 9 + 9 + 9 = \square$$

$$4 + 8 + 9 + 9 = \square$$

$$5 + 5 + 9 + 9 = \square$$



More Totals

28 to 36

$$\begin{array}{r} 5 \\ 7 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 8 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 7 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\begin{array}{r} 7 \\ 7 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 7 \\ 9 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 \\ 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 9 \\ 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 9 \\ 7 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \\ 8 \\ + 9 \\ \hline \end{array}$$



$$8 + 8 + 8 + 8 = \square$$

$$5 + 8 + 8 + 9 = \square$$

$$7 + 8 + 8 + 9 = \square$$

$$5 + 8 + 9 + 9 = \square$$

$$5 + 7 + 9 + 9 = \square$$

$$6 + 7 + 8 + 9 = \square$$

$$5 + 9 + 9 + 9 = \square$$

$$9 + 9 + 9 + 9 = \square$$

SPEED

(A)

$$\begin{array}{r} 9 \\ 9 \\ 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 \\ 8 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ 8 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ 7 \\ + 6 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} 9 \\ 9 \\ 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 8 \\ 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 \\ 7 \\ + 5 \\ \hline \end{array}$$

TIME



Two Digits

Multi-Digit Addition

NOTE

The first four pages of Multi-Digit Addition are devoted to columns which do not individually add up to sums beyond 9. However, to prepare the pupil for the task of entering carry-over numbers above the next column, as described in the Home Study Book on Pages 74 & 75, child is to enter zero [0] in the box provided. (See example below.) On succeeding pages, column totals will require a carry-over number (as registered on the Left Hand) to be entered in the box. When proper manipulative skill is noted, a child will then progress to the stage where carry-over numbers are transferred from the LEFT HAND to the RIGHT HAND and are no longer written down.

$$\begin{array}{r}
 \boxed{0} \\
 3 \quad 3 \\
 4 \quad 4 \\
 + 2 \quad 1 \\
 \hline
 9 \quad 8
 \end{array}$$

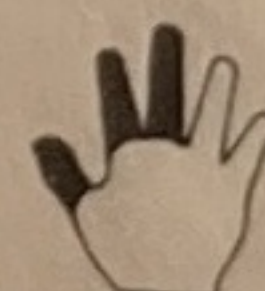
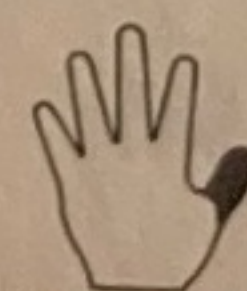
Use **ONLY** Stage 1, Unit-By-Unit Counting, for **EVERY** Example. (Front and Back).

$$\begin{array}{r}
 \boxed{} \\
 3 \quad 1 \\
 \quad 2 \\
 + \quad 3 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \boxed{} \\
 4 \quad 8 \\
 2 \quad 1 \\
 + 1 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \boxed{} \\
 1 \quad 1 \\
 2 \quad 2 \\
 + 3 \quad 3 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \boxed{} \\
 1 \quad 2 \\
 3 \quad 4 \\
 + 2 \quad 3 \\
 \hline
 \end{array}$$



$$\begin{array}{r} \square \\ 10 \\ 11 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 10 \\ 67 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 32 \\ 10 \\ + 47 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 22 \\ 33 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 41 \\ 33 \\ + 21 \\ \hline \end{array}$$



SPEED

(A)

$$\begin{array}{r} \square \\ 65 \\ 21 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 62 \\ 13 \\ + 44 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} \square \\ 54 \\ 11 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 31 \\ 55 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 49 \\ 10 \\ + 40 \\ \hline \end{array}$$

TIME

Three Digits

Use **ONLY** Stage 1, Unit-By-Unit Counting, for **EVERY** Example.
(Front and Back).

$$\begin{array}{r} \square \quad \square \\ 3 \quad 2 \quad 1 \\ 1 \quad 2 \quad 2 \\ + \quad 4 \quad 3 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 1 \quad 9 \quad 3 \\ 4 \quad 0 \quad 2 \\ + \quad 1 \quad 0 \quad 2 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 1 \quad 1 \quad 4 \\ 2 \quad 8 \quad 4 \\ + \quad 6 \quad 0 \quad 1 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 6 \quad 1 \quad 1 \\ 1 \quad 0 \quad 3 \\ + \quad 2 \quad 0 \quad 5 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 2 \quad 6 \quad 1 \\ \quad 1 \quad 4 \\ + \quad 3 \quad 0 \quad 4 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 3 \quad 6 \quad 4 \\ \quad 1 \quad 4 \\ + \quad 2 \quad 4 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 4 \quad 0 \quad 4 \\ 1 \quad 0 \quad 1 \\ + \quad 2 \quad 6 \quad 3 \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 5 \quad 7 \quad 2 \\ 2 \quad 1 \quad 6 \\ + \quad 1 \quad 1 \quad 0 \end{array}$$



SPEED

$$\begin{array}{r} \square \quad \square \\ 1 \quad 2 \quad 2 \\ 3 \quad 2 \quad 1 \\ + \quad 4 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 1 \quad 1 \quad 4 \\ 6 \quad 0 \quad 1 \\ + \quad 2 \quad 8 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ \quad 1 \quad 4 \\ 2 \quad 6 \quad 1 \\ + \quad 3 \quad 0 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 2 \quad 6 \quad 3 \\ 4 \quad 0 \quad 4 \\ + \quad 1 \quad 0 \quad 1 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} \square \quad \square \\ 1 \quad 1 \quad 3 \\ 2 \quad 5 \quad 1 \\ + \quad 2 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ \quad 2 \quad 3 \\ + \quad 4 \quad 3 \quad 0 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} \square \quad \square \\ 7 \quad 1 \quad 2 \\ 1 \quad 6 \quad 4 \\ + \quad 1 \quad 2 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 5 \quad 4 \quad 3 \\ 1 \quad 0 \quad 5 \\ + \quad 2 \quad 2 \quad 0 \\ \hline \end{array}$$

TIME



Carry-Over Numbers

$$\begin{array}{r} \square \quad \square \\ 1 \quad 9 \\ 1 \quad 0 \\ + 8 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 2 \quad 3 \\ 2 \quad 2 \\ + 6 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 8 \quad 8 \\ 3 \quad 7 \\ + 2 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 6 \quad 7 \\ 6 \quad 6 \\ + 3 \quad 4 \\ \hline \end{array}$$

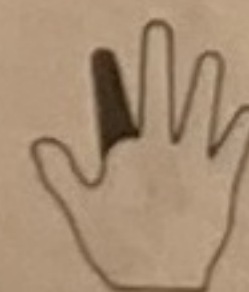
Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back).

$$\begin{array}{r} \square \quad \square \\ 6 \quad 9 \\ 3 \quad 1 \\ + 4 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 7 \quad 5 \\ 6 \quad 6 \\ + 3 \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 4 \quad 3 \\ 2 \quad 2 \\ + 3 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 9 \quad 6 \\ 4 \quad 3 \\ + 2 \quad 9 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} \square \quad \square \\ 1 \quad 0 \\ 8 \quad 1 \\ + 1 \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 2 \quad 2 \\ 6 \quad 5 \\ + 2 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 3 \quad 7 \\ 2 \quad 3 \\ + 8 \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 3 \quad 4 \\ 6 \quad 6 \\ + 6 \quad 7 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} \square \quad \square \\ 4 \quad 5 \\ 2 \quad 9 \\ + 8 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 9 \quad 8 \\ 7 \quad 5 \\ + 2 \quad 1 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} \square \quad \square \\ 3 \quad 4 \\ 2 \quad 1 \\ + 9 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 6 \quad 8 \\ 2 \quad 1 \\ + 1 \quad 1 \\ \hline \end{array}$$

TIME



More Carry-Overs

$$\begin{array}{r} \square \quad \square \quad \square \\ 1 \quad 7 \quad 9 \\ 5 \quad 2 \quad 6 \\ + 5 \quad 6 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 2 \quad 3 \quad 5 \\ 7 \quad 0 \quad 4 \\ + 9 \quad 6 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 2 \quad 5 \quad 5 \\ 8 \quad 4 \quad 7 \\ + 5 \quad 3 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 5 \quad 8 \quad 4 \\ 9 \quad 4 \quad 1 \\ + \quad \quad 6 \\ \hline \end{array}$$

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back).

$$\begin{array}{r} \square \quad \square \quad \square \\ 9 \quad 3 \quad 9 \\ 4 \quad 6 \quad 0 \\ + \quad 1 \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 6 \quad 1 \quad 5 \\ 4 \quad 8 \\ + 5 \quad 9 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 3 \quad 3 \quad 3 \\ 4 \quad 4 \quad 4 \\ + 3 \quad 3 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 7 \quad 5 \\ 4 \quad 6 \quad 3 \\ + 6 \quad 1 \quad 2 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} \square \quad \square \quad \square \\ 5 \quad 2 \quad 6 \\ 1 \quad 7 \quad 9 \\ + 5 \quad 6 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 7 \quad 0 \quad 4 \\ 9 \quad 6 \quad 1 \\ + 2 \quad 3 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 8 \quad 4 \quad 7 \\ 5 \quad 3 \quad 0 \\ + 2 \quad 5 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 9 \quad 4 \quad 1 \\ 5 \quad 8 \quad 6 \\ + 5 \quad 8 \quad 4 \\ \hline \end{array}$$

(A)

$$\begin{array}{r} \square \quad \square \quad \square \\ 6 \quad 9 \quad 3 \\ 7 \quad 3 \quad 9 \\ + \quad 5 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 4 \quad 5 \quad 6 \\ 6 \quad 4 \quad 7 \\ + \quad 1 \\ \hline \end{array}$$

TIME

(B)

$$\begin{array}{r} \square \quad \square \quad \square \\ 2 \quad 1 \quad 8 \\ 3 \quad 4 \quad 5 \\ + 6 \quad 7 \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 6 \quad 9 \quad 5 \\ 3 \quad 2 \quad 5 \\ + 1 \quad 0 \quad 0 \\ \hline \end{array}$$

TIME



With & Without Carry-Overs

$$\begin{array}{r} \square \quad \square \\ 1 \quad 4 \\ 7 \quad 1 \\ + 9 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 2 \quad 2 \\ 3 \quad 2 \\ + 6 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 4 \quad 2 \\ 6 \quad 3 \\ + 8 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 2 \quad 4 \\ 3 \quad 3 \\ + 5 \quad 2 \\ \hline \end{array}$$

Use **ONLY** Stage 1, Unit-By-Unit Counting, for **EVERY** Example. (Front and Back).

$$\begin{array}{r} \square \quad \square \\ 4 \quad 6 \\ 2 \quad 1 \\ + 4 \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 1 \quad 1 \\ 2 \quad 6 \\ + 9 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 5 \quad 5 \\ 6 \quad 0 \\ + 4 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 1 \quad 4 \\ 2 \quad 4 \\ + 7 \quad 0 \\ \hline \end{array}$$



$$\begin{array}{r} \square \quad \square \\ 7 \quad 1 \\ 9 \quad 4 \\ + 1 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 3 \quad 2 \\ 2 \quad 2 \\ + 6 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 6 \quad 3 \\ 8 \quad 3 \\ + 4 \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 3 \quad 3 \\ 2 \quad 4 \\ + 5 \quad 2 \\ \hline \end{array}$$

SPEED

(A)

$$\begin{array}{r} \square \quad \square \\ 5 \quad 2 \\ 5 \quad 2 \\ + 7 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 6 \quad 3 \\ 2 \quad 5 \\ + 2 \quad 0 \\ \hline \end{array}$$

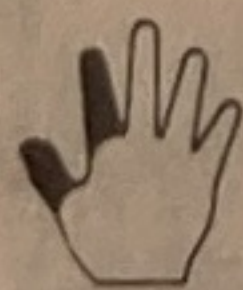
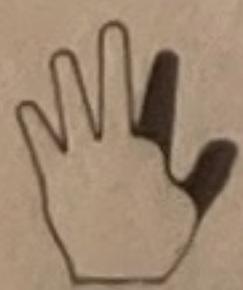
TIME

(B)

$$\begin{array}{r} \square \quad \square \\ 2 \quad 3 \\ 5 \quad 4 \\ + 7 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 6 \quad 9 \\ 4 \quad 0 \\ + 5 \quad 0 \\ \hline \end{array}$$

TIME



With & Without Carry-Overs

$$\begin{array}{r} \square \\ 6 \quad 1 \\ 1 \quad 5 \\ + 1 \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 1 \quad 9 \\ 2 \quad 9 \\ + 3 \quad 1 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 4 \quad 5 \\ 2 \quad 1 \\ + 1 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 2 \quad 3 \\ 1 \quad 4 \\ + 1 \quad 5 \\ \hline \end{array}$$

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back).

$$\begin{array}{r} \square \\ 1 \quad 4 \\ 1 \quad 4 \\ + 1 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 1 \quad 5 \\ 1 \quad 5 \\ + 1 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 3 \quad 6 \\ 2 \quad 6 \\ + 3 \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ 4 \quad 7 \\ 2 \quad 7 \\ + 1 \quad 5 \\ \hline \end{array}$$



SPEED

$$\begin{array}{r} \square \\ 29 \\ + 19 \\ 31 \end{array}$$

$$\begin{array}{r} \square \\ 21 \\ + 14 \\ 45 \end{array}$$

$$\begin{array}{r} \square \\ 15 \\ + 19 \\ 61 \end{array}$$

$$\begin{array}{r} \square \\ 14 \\ + 15 \\ 23 \end{array}$$

(A)

$$\begin{array}{r} \square \\ 23 \\ + 16 \\ 41 \end{array}$$

$$\begin{array}{r} \square \\ 19 \\ + 41 \\ 29 \end{array}$$

TIME

(B)

$$\begin{array}{r} \square \\ 72 \\ + 18 \\ 88 \end{array}$$

$$\begin{array}{r} \square \\ 25 \\ + 25 \\ 25 \end{array}$$

TIME

Three Digits with Carry-Overs

$$\begin{array}{r} \square \quad \square \quad \square \\ 6 \quad 1 \quad 3 \\ 6 \quad 0 \quad 3 \\ + 9 \quad 1 \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 8 \quad 4 \quad 2 \\ 8 \quad 4 \quad 0 \\ + 4 \quad 4 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 4 \quad 5 \quad 8 \\ 1 \quad 5 \quad 5 \\ + 2 \quad 6 \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 3 \quad 4 \quad 6 \\ 4 \quad 7 \quad 0 \\ + 2 \quad 8 \quad 4 \\ \hline \end{array}$$

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back).

$$\begin{array}{r} \square \quad \square \\ 1 \quad 0 \quad 0 \\ 2 \quad 0 \quad 0 \\ + 3 \quad 0 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 7 \quad 9 \quad 8 \\ 6 \quad 0 \quad 8 \\ + 9 \quad 0 \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \quad \square \\ 3 \quad 5 \quad 0 \\ 6 \quad 2 \quad 9 \\ + 4 \quad 0 \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \quad \square \\ 3 \quad 6 \quad 4 \\ 2 \quad 1 \quad 1 \\ + 3 \quad 7 \quad 1 \\ \hline \end{array}$$



$$\begin{array}{r}
 \square \quad \square \\
 4 \quad 5 \quad 5 \\
 1 \quad 6 \quad 8 \\
 + 2 \quad 5 \quad 8 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 3 \quad 7 \quad 4 \\
 4 \quad 4 \quad 6 \\
 + 2 \quad 8 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 8 \quad 4 \quad 4 \\
 4 \quad 4 \quad 2 \\
 + 8 \quad 4 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 9 \quad 0 \quad 3 \\
 6 \quad 1 \quad 6 \\
 + 6 \quad 1 \quad 3 \\
 \hline
 \end{array}$$

SPEED

(A)

$$\begin{array}{r}
 \square \quad \square \\
 1 \quad 3 \quad 7 \\
 2 \quad 6 \quad 8 \\
 + 3 \quad 7 \quad 9 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 7 \quad 9 \quad 8 \\
 6 \quad 0 \quad 8 \\
 + 9 \quad 0 \quad 5 \\
 \hline
 \end{array}$$

TIME

(B)

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 3 \quad 7 \quad 5 \\
 9 \quad 7 \quad 0 \\
 + 7 \quad 7 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 3 \quad 4 \quad 6 \\
 2 \quad 1 \quad 0 \\
 + 6 \quad 4 \quad 3 \\
 \hline
 \end{array}$$

TIME



Four Digits with Carry-Overs

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	8	4	3
	6,	0	1	5
	7,	1	4	3
+	2,	0	0	7

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	4	5	4
	1,	6	0	0
	1,	7	3	2
+	2,	8	2	1

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	1,	8	1	9
	4,	4	3	9
	2,	6	1	8
+	1,	5	1	6

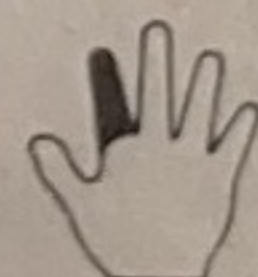
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	7,	2	4	3
	1,	0	6	9
	3,	1	2	8
+	6,	3	1	5

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back).

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	8,	6	9	8
	7,	2	4	0
	9,	5	3	1
+	5,	1	2	0

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	6,	0	0	0
	2,	0	0	0
	1,	0	0	0
+	1,	0	0	0

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	0	3	6
	1,	2	2	7
	1,	5	9	9
+	3,	6	9	8



SPEED

(A)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	1	3	7
	2,	9	5	3
	7,	6	4	4
+	3,	9	6	5

<input type="text"/>	<input type="text"/>	<input type="text"/>	
1,	1	1	1
2,	3	4	5
1,	3	2	1
+	4,	1	2

TIME

(B)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	5,	7	3	0
	9,	0	6	4
	7,	8	1	6
+	8,	6	0	0

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	4	3	6
	9,	2	6	7
	3,	0	5	4
+	6,	5	7	8

TIME

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	6,	1	1	7
	7,	0	4	3
	2,	0	4	3
+	2,	8	0	5

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	1,	6	3	6
	1,	4	1	9
	4,	5	1	8
+	2,	8	1	9

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	3,	1	1	5
	6,	3	2	8
	1,	0	4	9
+	7,	2	6	3

<input type="text"/>	<input type="text"/>	<input type="text"/>	
	1,	6	2
	1,	7	3
	2,	8	0
+	2,	4	5



More Four Digit

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	1	6	8
		4	0	5
	1,	8	1	9
+	6,	2	0	8

	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	1,	3	4	2
	1,	8	0	6
			4	2
+			6	0

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	9,	8	6	6
		4	0	2
		1	7	3
+			4	1

	<input type="text"/>	<input type="text"/>	<input type="text"/>	
			1	6
		5	0	9
+	8,	8	4	1
				3

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.
(Front and Back).

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	2,	1	6	6
	4,	9	9	8
	7,	5	9	8
+	7,	3	5	9

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	6,	2	5	3
	9,	0	1	6
		5	4	1
+		4	1	0

	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	5,	6	7	5
			9	5
			7	3
+		1	2	7



SPEED

$$\begin{array}{r}
 \square \quad \square \quad \square \quad \square \\
 6, \quad 8 \quad 1 \quad 9 \\
 2 \quad 0 \quad 5 \\
 1, \quad 4 \quad 8 \\
 + \quad 2, \quad 1 \quad 0 \quad 8 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \quad \square \\
 9, \quad 1 \quad 7 \quad 2 \\
 4 \quad 4 \quad 6 \\
 8 \quad 0 \quad 3 \\
 + \quad 6 \quad 1 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 4 \quad 1 \\
 8 \quad 9 \\
 0 \quad 6 \\
 + \quad 8, \quad 5 \quad 1 \quad 3 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 1, \quad 8 \quad 4 \quad 2 \\
 1, \quad 3 \quad 4 \quad 2 \\
 0 \quad 6 \\
 + \quad 6 \quad 0 \\
 \hline
 \end{array}$$

(A)

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 2, \quad 0 \quad 6 \quad 6 \\
 1 \quad 7 \quad 5 \\
 4, \quad 9 \quad 8 \quad 1 \\
 + \quad 3 \quad 0 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \quad \square \\
 2, \quad 1 \quad 7 \quad 7 \\
 4 \quad 6 \\
 3 \quad 2 \quad 9 \\
 + \quad 5 \quad 5 \\
 \hline
 \end{array}$$

TIME

(B)

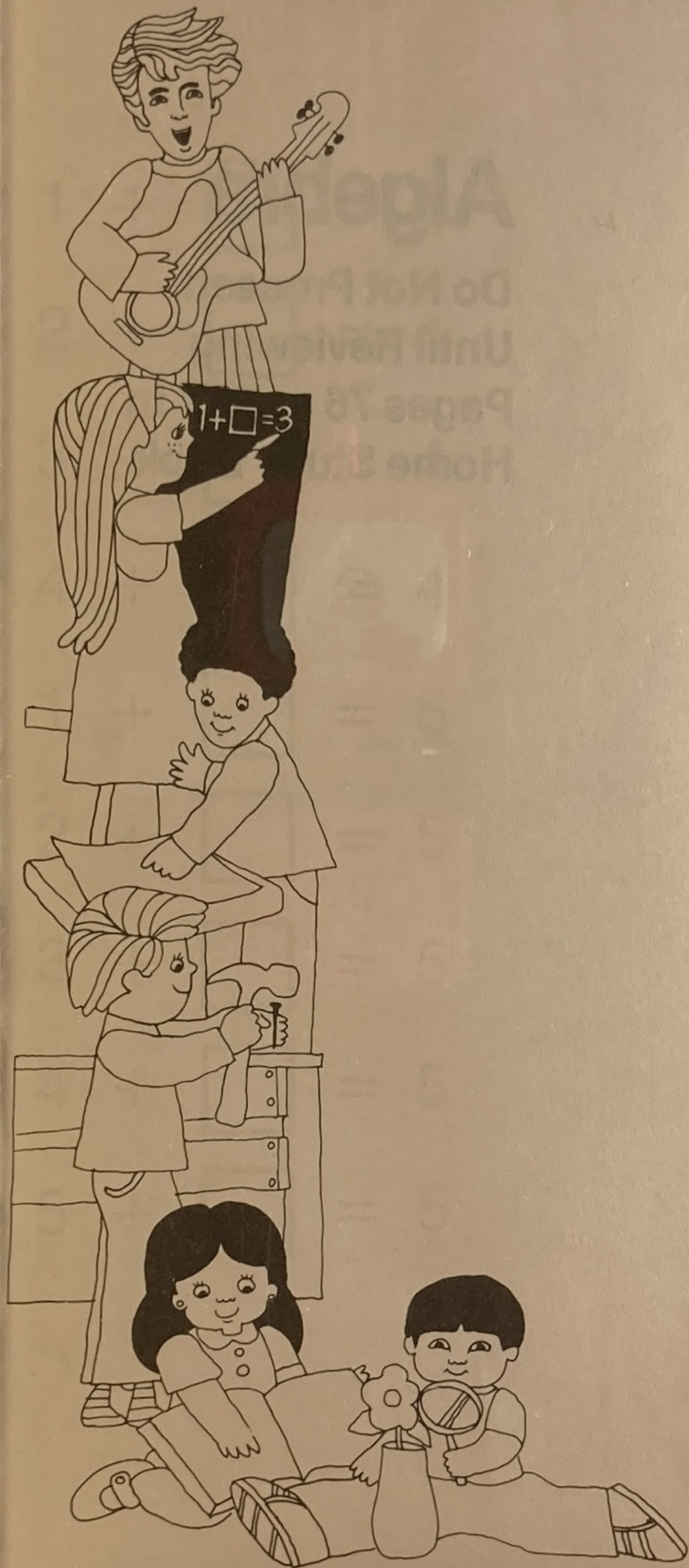
$$\begin{array}{r}
 7 \\
 3 \quad 0 \\
 4 \quad 0 \quad 0 \\
 + \quad 5, \quad 0 \quad 0 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \square \\
 6 \quad 3 \quad 5 \\
 1 \quad 8 \\
 7, \quad 0 \quad 2 \quad 2 \\
 + \quad 3 \\
 \hline
 \end{array}$$

TIME



Algebra Addition



5
11
□
+
3



Algebra

**Do Not Proceed
Until Reviewing
Pages 76 and 77 in
Home Study Book**



Totals up to 5

$1 + \square = 4$

$2 + \square = 4$

$3 + \square = 4$

$4 + \square = 4$

$1 + \square = 5$

$2 + \square = 5$

$3 + \square = 5$

$4 + \square = 5$

$5 + \square = 5$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$2 + \square = 4$

$3 + \square = 5$

$1 + \square = 4$

$4 + \square = 5$

$4 + \square = 4$

$1 + \square = 5$

$3 + \square = 4$

$5 + \square = 5$

$2 + \square = 5$



$$1 + \square = 4$$

$$2 + \square = 4$$

$$3 + \square = 4$$

$$4 + \square = 4$$

$$4 + \square = 5$$

$$3 + \square = 5$$

$$2 + \square = 5$$

$$1 + \square = 5$$

$$5 + \square = 5$$

$$4 + \square = 4$$

(A)

$$4 + \square = 5$$

$$1 + \square = 4$$

$$3 + \square = 5$$

$$2 + \square = 4$$

TIME

(B)

$$2 + \square = 5$$

$$3 + \square = 4$$

$$1 + \square = 5$$

$$4 + \square = 4$$

TIME



Totals up to 10

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$1 + \square = 9$

$2 + \square = 9$

$3 + \square = 9$

$4 + \square = 9$

$5 + \square = 9$

$1 + \square = 10$

$2 + \square = 10$

$3 + \square = 10$

$4 + \square = 10$

$5 + \square = 10$

$2 + \square = 9$

$3 + \square = 10$

$1 + \square = 9$

$4 + \square = 10$

$4 + \square = 9$

$1 + \square = 10$

$3 + \square = 9$

$2 + \square = 10$

$5 + \square = 10$

$5 + \square = 9$



$$4 + \square = 10$$

$$1 + \square = 9$$

$$3 + \square = 10$$

$$2 + \square = 9$$

$$2 + \square = 10$$

$$3 + \square = 9$$

$$1 + \square = 10$$

$$4 + \square = 9$$

$$5 + \square = 10$$

$$5 + \square = 9$$

SPEED

(A)

$$4 + \square = 9$$

$$1 + \square = 10$$

$$3 + \square = 9$$

$$2 + \square = 10$$

TIME

(B)

$$4 + \square = 10$$

$$1 + \square = 9$$

$$3 + \square = 10$$

$$2 + \square = 9$$

TIME

(C)

$$3 + \square = 5$$

$$2 + \square = 4$$

$$4 + \square = 5$$

$$1 + \square = 5$$

$$4 + \square = 4$$

TIME



More Totals up to 10

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$9 + \square = 10$$

$$5 + \square = 9$$

$$7 + \square = 10$$

$$6 + \square = 9$$

$$8 + \square = 10$$

$$9 + \square = 9$$

$$5 + \square = 10$$

$$7 + \square = 9$$

$$6 + \square = 10$$

$$8 + \square = 9$$

$$5 + \square = 9$$

$$6 + \square = 9$$

$$7 + \square = 9$$

$$8 + \square = 9$$

$$9 + \square = 9$$

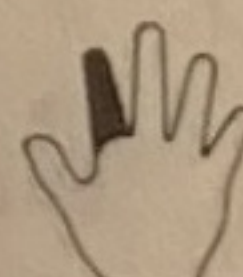
$$5 + \square = 10$$

$$6 + \square = 10$$

$$7 + \square = 10$$

$$8 + \square = 10$$

$$9 + \square = 10$$



SPEED

(A)

$$8 + \square = 9$$

$$6 + \square = 10$$

$$7 + \square = 9$$

$$9 + \square = 9$$

TIME

(B)

$$8 + \square = 10$$

$$6 + \square = 9$$

$$7 + \square = 10$$

$$9 + \square = 10$$

TIME

(C)

$$4 + \square = 10$$

$$3 + \square = 9$$

$$2 + \square = 10$$

$$1 + \square = 9$$

$$3 + \square = 10$$

TIME

$$9 + \square = 9$$

$$8 + \square = 10$$

$$5 + \square = 10$$

$$6 + \square = 9$$

$$7 + \square = 9$$

$$7 + \square = 10$$

$$5 + \square = 9$$

$$6 + \square = 10$$

$$8 + \square = 9$$

$$9 + \square = 10$$



Totals up to 15

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$11 + \square = 14$

$12 + \square = 14$

$13 + \square = 14$

$14 + \square = 14$

$11 + \square = 15$

$12 + \square = 15$

$13 + \square = 15$

$14 + \square = 15$

$15 + \square = 15$

$12 + \square = 15$

$11 + \square = 14$

$14 + \square = 15$

$13 + \square = 14$

$12 + \square = 14$

$11 + \square = 15$

$14 + \square = 14$

$13 + \square = 15$



SPEED

(A)

$$14 + \square = 14$$

$$11 + \square = 15$$

$$12 + \square = 14$$

$$13 + \square = 15$$

(B)

$$14 + \square = 15$$

$$11 + \square = 14$$

$$12 + \square = 15$$

$$13 + \square = 14$$

(C)

$$8 + \square = 10$$

$$\square + 9 = 15$$

$$6 + \square = 9$$

$$\square + 8 = 9$$

$$7 + \square = 13$$

$$11 + \square = 14$$

$$\square + 12 = 14$$

$$13 + \square = 15$$

$$\square + 12 = 15$$

$$12 + \square = 15$$

$$\square + 14 = 15$$

$$13 + \square = 14$$

$$14 + \square = 14$$

$$\square + 15 = 15$$



Totals up to 19

$$\square + 6 = 9$$

$$\square + 3 = 9$$

$$\square + 8 = 9$$

$$\square + 2 = 9$$

$$\square + 5 = 9$$

$$\square + 6 = 10$$

$$\square + 3 = 10$$

$$\square + 8 = 10$$

$$\square + 2 = 10$$

$$\square + 5 = 10$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$\square + 2 = 10$$

$$\square + 8 = 16$$

$$\square + 5 = 9$$

$$\square + 3 = 6$$

$$\square + 9 = 10$$

$$\square + 4 = 14$$

$$\square + 5 = 15$$

$$\square + 6 = 16$$

$$\square + 7 = 17$$

$$\square + 8 = 18$$



SPEED

(A)

$$\square + 2 = 7$$

$$\square + 3 = 9$$

$$\square + 7 = 9$$

$$\square + 5 = 6$$

TIME

(B)

$$\square + 9 = 15$$

$$\square + 8 = 19$$

$$\square + 7 = 13$$

$$\square + 3 = 16$$

TIME

(C)

$$4 + \square = 10$$

$$\square + 3 = 6$$

$$6 + \square = 9$$

$$\square + 5 = 15$$

$$8 + \square = 10$$

TIME

$$\square + 5 = 10$$

$$6 + \square = 9$$

$$\square + 2 = 10$$

$$3 + \square = 9$$

$$\square + 8 = 9$$

$$8 + \square = 10$$

$$\square + 2 = 9$$

$$3 + \square = 10$$

$$\square + 5 = 9$$

$$6 + \square = 10$$



Totals up to 20

$11 + \square = 19$

$12 + \square = 19$

$13 + \square = 19$

$14 + \square = 19$

$11 + \square = 20$

$12 + \square = 20$

$13 + \square = 20$

$14 + \square = 20$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$13 + \square = 19$

$14 + \square = 20$

$11 + \square = 19$

$12 + \square = 20$

$13 + \square = 20$

$14 + \square = 19$

$11 + \square = 20$

$12 + \square = 19$



SPEED

(A)

$$14 + \square = 19$$

$$14 + \square = 20$$

$$13 + \square = 19$$

$$13 + \square = 20$$

TIME

(B)

$$12 + \square = 19$$

$$12 + \square = 20$$

$$11 + \square = 19$$

$$11 + \square = 20$$

TIME

(C)

$$14 + \square = 15$$

$$12 + \square = 14$$

$$6 + \square = 13$$

$$11 + \square = 14$$

TIME

$$\square + 11 = 14$$

$$12 + \square = 15$$

$$\square + 12 = 14$$

$$13 + \square = 15$$

$$\square + 13 = 14$$

$$14 + \square = 15$$

$$11 + \square = 15$$

$$\square + 12 = 15$$

$$11 + \square = 14$$



More Totals up to 20

$15 + \square = 19$

$16 + \square = 19$

$17 + \square = 19$

$18 + \square = 19$

$19 + \square = 19$

$15 + \square = 20$

$16 + \square = 20$

$17 + \square = 20$

$18 + \square = 20$

$19 + \square = 20$

$20 + \square = 20$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$16 + \square = 20$

$15 + \square = 19$

$19 + \square = 20$

$18 + \square = 19$

$17 + \square = 20$

$16 + \square = 19$

$15 + \square = 20$

$19 + \square = 19$

$18 + \square = 20$

$17 + \square = 19$



SPEED

$$19 + \square = 20$$

$$\square + 15 = 19$$

$$18 + \square = 20$$

$$\square + 16 = 19$$

$$17 + \square = 20$$

$$\square + 17 = 19$$

$$16 + \square = 20$$

$$\square + 18 = 19$$

$$15 + \square = 20$$

$$\square + 19 = 19$$

$$20 + \square = 20$$

(A)

$$17 + \square = 19$$

$$18 + \square = 20$$

$$15 + \square = 19$$

$$16 + \square = 20$$

TIME

(B)

$$17 + \square = 20$$

$$18 + \square = 19$$

$$15 + \square = 20$$

$$16 + \square = 19$$

TIME

(C)

$$12 + \square = 19$$

$$14 + \square = 20$$

$$7 + \square = 15$$

$$18 + \square = 20$$

TIME



And More Totals up to 20

$\square + 15 = 20$

$\square + 19 = 20$

$\square + 14 = 19$

$\square + 16 = 19$

$\square + 10 = 19$

$\square + 15 = 19$

$\square + 19 = 19$

$\square + 14 = 20$

$\square + 16 = 20$

$\square + 10 = 20$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$\square + 10 = 20$

$\square + 10 = 19$

$\square + 16 = 20$

$\square + 16 = 19$

$\square + 14 = 20$

$\square + 14 = 19$

$\square + 19 = 19$

$\square + 19 = 20$

$\square + 15 = 19$

$\square + 15 = 20$



SPEED

$$\square + 11 = 20$$

$$13 + \square = 19$$

$$\square + 15 = 20$$

$$17 + \square = 19$$

$$\square + 19 = 20$$

$$11 + \square = 19$$

$$\square + 13 = 20$$

$$15 + \square = 19$$

$$\square + 17 = 20$$

$$19 + \square = 19$$

(A)

$$\square + 12 = 20$$

$$\square + 14 = 19$$

$$\square + 16 = 20$$

$$\square + 18 = 19$$

TIME

(B)

$$\square + 12 = 19$$

$$\square + 14 = 20$$

$$\square + 16 = 19$$

$$\square + 18 = 20$$

TIME

(C)

$$17 + \square = 20$$

$$15 + \square = 19$$

$$19 + \square = 19$$

$$14 + \square = 19$$

TIME



Totals up to 39

$$20 + \square = 30$$

$$21 + \square = 29$$

$$22 + \square = 28$$

$$23 + \square = 32$$

$$24 + \square = 33$$

$$\square + 25 = 37$$

$$\square + 26 = 39$$

$$\square + 27 = 31$$

$$\square + 28 = 38$$

$$\square + 29 = 35$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$24 + \square = 25$$

$$20 + \square = 30$$

$$25 + \square = 33$$

$$29 + \square = 35$$

$$28 + \square = 34$$

$$\square + 26 = 37$$

$$\square + 22 = 32$$

$$\square + 21 = 31$$

$$\square + 23 = 28$$

$$\square + 27 = 36$$



$$25 + \square = 37$$

$$\square + 20 = 30$$

$$26 + \square = 39$$

$$\square + 21 = 29$$

$$27 + \square = 31$$

$$\square + 22 = 28$$

$$28 + \square = 38$$

$$\square + 23 = 32$$

$$29 + \square = 35$$

$$\square + 24 = 33$$

(A)

$$28 + \square = 32$$

$$29 + \square = 38$$

$$25 + \square = 37$$

$$20 + \square = 33$$

TIME

(B)

$$\square + 27 = 39$$

$$\square + 23 = 35$$

$$\square + 21 = 30$$

$$\square + 22 = 31$$

TIME

(C)

$$17 + \square = 20$$

$$\square + 14 = 19$$

$$15 + \square = 20$$

$$\square + 18 = 19$$

TIME



More Totals up to 39

$$3 + 2 + \square = 8$$

$$4 + \square + 1 = 9$$

$$\square + 1 + 1 = 5$$

$$2 + 7 + \square = 9$$

$$2 + \square + 2 = 6$$

$$\square + 6 + 1 = 8$$

$$5 + 2 + \square = 9$$

$$1 + \square + 3 = 5$$

$$4 + 1 + \square = 7$$

$$\square + 5 + 1 = 9$$

Calculate examples on this page
(Front and Back).

Use **ONLY** Stage 1, Unit-By-Unit
Counting, for **EVERY** Example.

$$12 + \square + 6 = 28$$

$$15 + 5 + \square = 25$$

$$20 + \square + 7 = 30$$

$$25 + 8 + \square = 38$$

$$30 + \square + 3 = 39$$

$$\square + 13 + 7 = 30$$

$$\square + 9 + 16 = 30$$

$$\square + 25 + 5 = 33$$

$$6 + \square + 9 = 27$$

$$18 + 9 + \square = 35$$



$$2 + 3 + \square = 8$$

$$4 + 1 + \square = 9$$

$$\square + 1 + 1 = 5$$

$$7 + \square + 2 = 9$$

$$\square + 2 + 2 = 6$$

$$5 + \square + 1 = 9$$

$$4 + 1 + \square = 7$$

$$1 + 3 + \square = 5$$

$$2 + \square + 5 = 9$$

$$\square + 1 + 6 = 8$$

$$16 + 7 + \square = 27$$

$$24 + \square + 1 = 35$$

$$\square + 6 + 14 = 32$$

$$27 + 8 + \square = 39$$

$$\square + 18 + 9 = 29$$

$$22 + \square + 8 = 38$$

$$25 + 2 + \square = 30$$

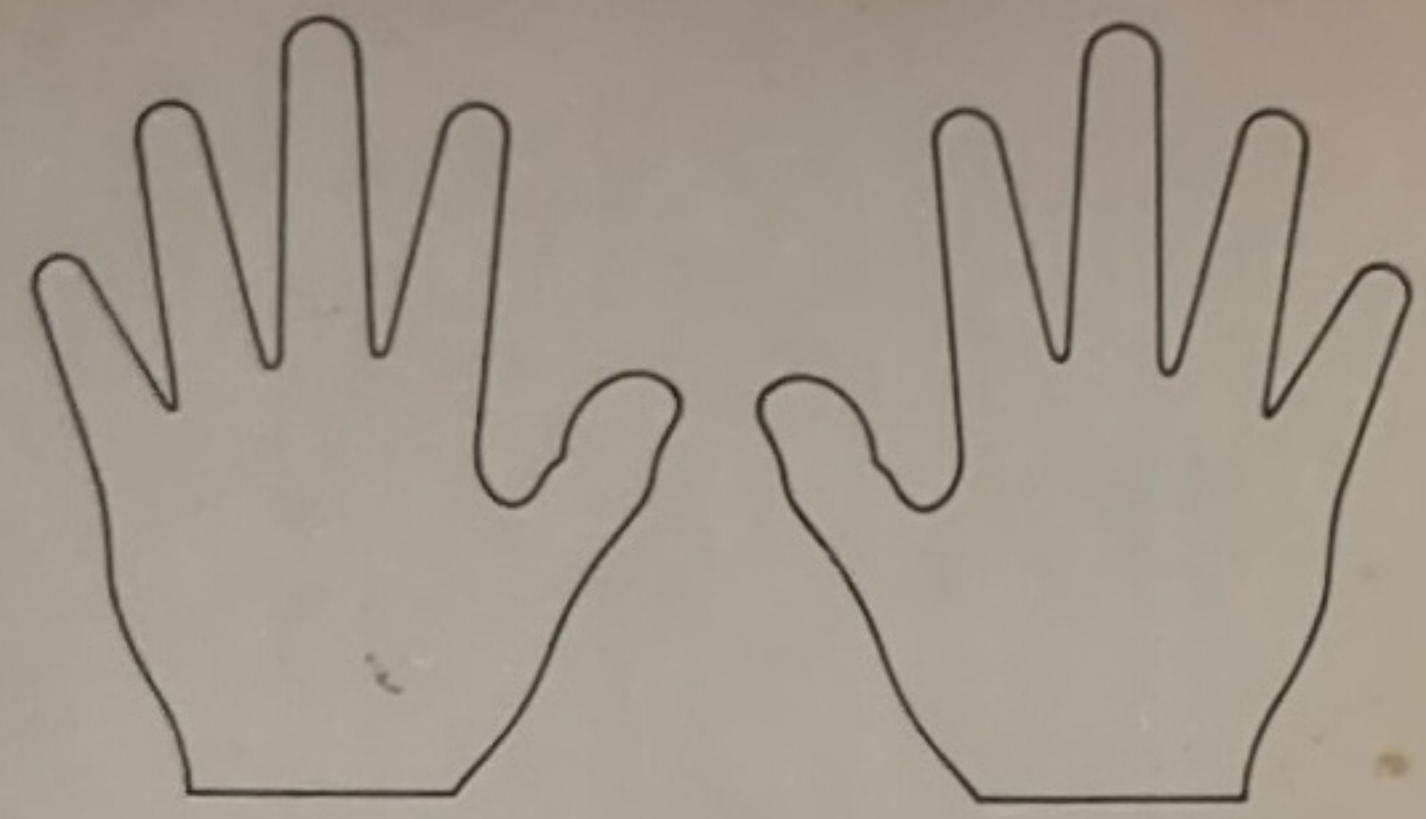
$$19 + \square + 6 = 25$$

$$\square + 30 + 2 = 35$$

$$14 + \square + 1 = 29$$



You are ready to proceed to **Home Study Workbook 2** - a comprehensive presentation of exercises and examples which are carefully sequenced to firmly establish more advanced manipulative skills.




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